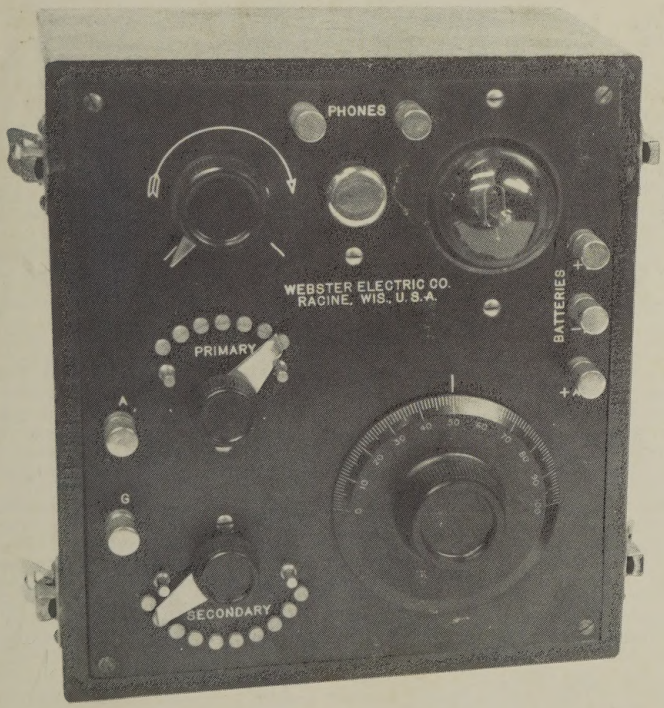
ANTIQUE RADIO CLASSIFIED

VOLUME 10 JULY 1993 NUMBER 7

In this issue...

WEBSTER RADIO APPARATUS



A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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PURPOSE. **Antique Radio Classified** is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.

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Unfortunately, A.R.C. is not staffed to answer letters with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and publishes them as space permits. A.R.C. assumes that permission is given to edit and to publish all correspondence and articles received unless otherwise indicated.

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The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisified, and to comply with a buyer refund request on unaltered returned items.

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, **originals must be the artwork size listed below.** Do not send in artwork on art board or send negatives. Ads should be typeset or typed neatly with a carbon ribbon, black printing on white. No reverse type if A.R.C. is to make up the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85-line screen; otherwise, add $10.00 per photo for screening. **Do not cut or trim photos or glue photos to artwork; submit separately.**

If you are confused by these requirements and terms, please contact A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for ½ and full page ads, and only if requested when the ad is submitted.

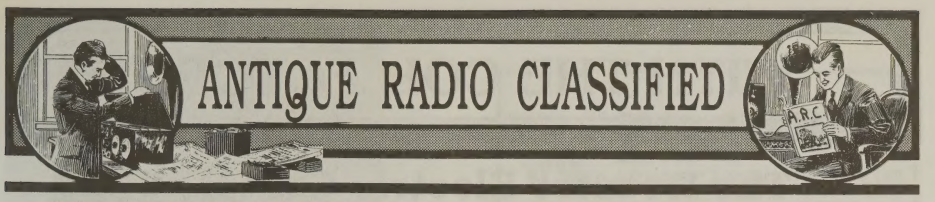
Business card ads are limited to one per advertiser.

The 3-month rates represent about an 11% discount, the 6-month rates, 23%, the 12-month rates, 30%. Placement requests for display ads: add 15% but call first. Clubs: write for discount policy.

Page	ARTWORK SIZE (SEND IN THIS SIZE) H x W (inches)	As Printed (size in magazine) H x W (inches)	Cost for 1-month	Cost for 3-months	Cost for 6-months	Cost for 12-months	One Time to make up Ad
Full	12 3/16 (or 10 1/2) x 7 1/2	7 3/4 (or 6 5/8) x 4 3/4	$188.00	$499.00	$869.00*	$1580.00**	$60.00†
1/2 H	5 1/4 x 7 1/2	3 5/16 x 4 3/4	94.50	252.00	435.00	790.00**	30.00†
1/2 V	12 3/16 (or 11 13/16) x 3 9/16	7 7/16 x 2 1/4	94.50	252.00	435.00	790.00**	30.00†
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	47.75	127.00	220.00	399.00	15.00†
1/8	2 5/8 x 3 9/16	1 5/8 x 2 1/4	24.50	65.00	112.00	199.00	7.50†
Business Card	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	34.00	59.00	107.00	5.50†

* Full page, 6-mos.: ½ due with order; ½ due in 3 mos. ** Full & ½ page, 12-mos.: ¼ due with order; ¼ due at 3, 6 & 9 mos.

† For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.



EDITOR'S COMMENTS

The more leisurely pace of summer may allow a little relaxing time for in-depth reading. Two of our articles this month will fill that bill. Both Frank White and Daniel Schoo present well-researched material on obscure companies worthy of collector attention.

When Frank White added the two Webster Electric Company sets featured in his article to his antique radio collection, he was little aware of how difficult researching the company would be. However, he rose to the challenge and found out that, although the company exists today in Racine, Wisconsin, as Danfoss Fluid Power, Inc., its foray into radio was shortlived. Frank's research was far-reaching. It even involved a trip to Racine and visits to the Wisconsin Racine County Historical Society and Museum and the Racine Public Library.

Another labor-of-love project is reported by Daniel Schoo in his article on the United Reproducers Corporation Kylectron electrostatic speaker. Daniel undertook both the research on the company and the restoration of a friend's unusual, but badly deteriorating 1929 speaker. Because original materials were not available, Daniel's task included finding modern materials appropriate to the restoration. Electrostatic speakers are still sold today to the audiophile seeking the ultimate in high fidelity.

Both of these articles are the result of extensive research and effort. In the case of the Webster Electric Co., even the museum historians did not know that the company had ever produced radios. Thus, Frank White's work represents a contribution to Racine's history, as well as to radio history.

We hope that articles such as these will encourage collectors to undertake similarly complex restoration and research projects. Of course, assembling the results in an article for A.R.C. disseminates the fruits of your labors and encourages others to attack a major project.

Paul Bourbin in his *Vintage Test Equipment* article describes equipment available to the home tinkerer. "Everyman's Test Equipment" describes the use of watchcase and multi range meters, as well as home tube and other testers.

Dwane Stevens suggests an alternative to an outdoor antenna — your indoor AC house wiring. He shows how this can be simply implemented and describes products sold in the 1920s which took advantage of this technique.

We report on the Northland Antique Radio Club Radio Daze '93 Meet and Auction in Bloomington, Minnesota, on May 21-22, 1993, and on the Ruder Vintage Radio Estate Auction in Seville, Ohio, on May 8, 1993.

This month, we include another recently published book on radio cabinet restoration — *The Weekend Refinisher* by Bruce Johnson. In a clearly written style, Johnson explains not only how to determine the finish on your radio but also how to restore the old finish. He presents numerous approaches to refinishing. Reviewer Howard Stone highly recommends this book.

Two short items are included this month — Ken Burton gives us tips for shipping radios and Matthew Jacobs reports that the Bunnell Company is alive and well.

The *Photo Review* this month shows the very rare Clapp-Eastham Type D receiver, which was manufactured in 1914. Also shown are a variety of sets, including several 1960s transistor sets. *Radio Miscellanea* contains several letters which continue the discussion on Cramolin and Quietrole, report on the demise of a wood dye supplier, and suggest that advertisers include prices in their ads. Several comments on our April Fool parody — *The Eliminator* — are also included.

Ethics in Collecting. At the recent Antique Radio Club of America Meet in Huntington, West Virginia, I participated in a panel discussion entitled "Ethics in Collecting." I reported on some of the ethical issues we at A.R.C. observe from telephone and written correspondence with our readers. Over 2,000 pieces of mail monthly give A.R.C. a good view of ethics in the radio collecting field.

At the seminar, the discussion ranged from how to respond to a noncollector who asks what an item you want to buy is worth, to the ethics of interchanging chassis and cabinets. A major issue is the appearance in the marketplace of reproductions that may at first be sold as such. The concern, however, is that, since the cabinets are not marked as reproductions, later buyers must depend on the ethics of the seller/buyer chain to know what they are buying.

The Antique Radio Club of America is to be commended for bringing these issues to the forefront. A.R.C. invites comments on these and other ethical issues.

Radio Events. This month we complete the listing we began last month of antique radio organizations — details are included for 15 foreign organizations. A.R.C. is committed to providing information on all clubs, both within and outside the U. S. Be sure to keep us up-to-date on your club and its activities, as well on any new organizations.

With 30 meets listed for July, we urge you to try to make it to one or more. A.R.C. plans to attend the Nashua, N.H., and Lansing, Mich., meets in July. See you there.

Happy collecting.

John V. Terrey

ON THE COVER

This month's cover shows Frank White's 1922-1923 Webster Electric Company Type 2A regenerative receiver. Frank's article on the company and its obscure 1-tube set and associated 2-tube audio amplifier begins on the following page.

WITH THE COLLECTORS

The Webster Electric Company

BY FRANK R. WHITE

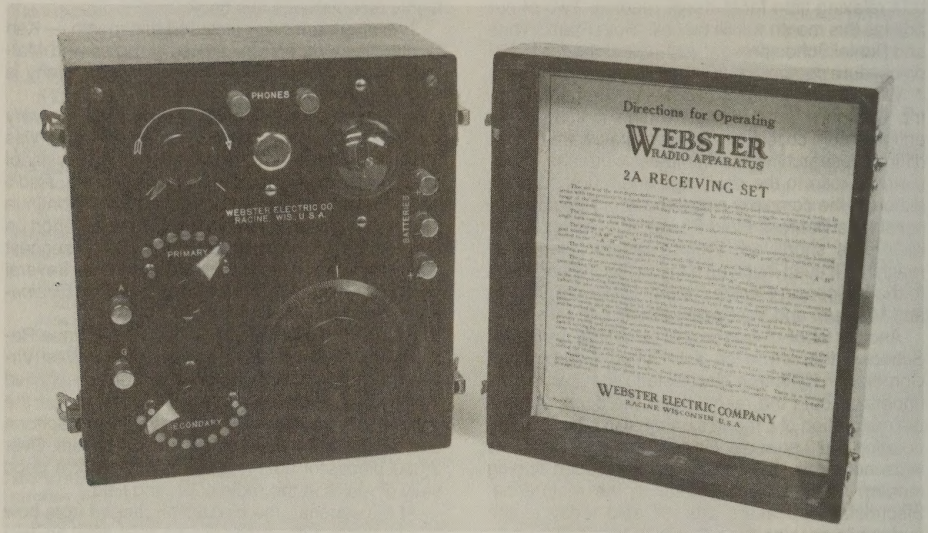


Figure 1. The Webster Type 2A receiver and removed lid with instructions.

The Webster Electric Company, founded in 1909 by Towner K. Webster, began operations in a rented one-room shop in Tiffin, Ohio. Webster had previously established the Webster Manufacturing Company for the production of single-cylinder gasoline engines in his hometown of Chicago, Illinois. Seeing a potential for magnetos — an important component to his engine — he chartered his new venture as the Hertz Electric Company on March 26, 1909, under the laws of West Virginia. On July 22 of the same year, he changed the name to the Webster Electric Company after discovering that the Hertz name already existed and was also in the magneto business.

By 1911, Webster's first successful product was a low tension magneto known as the Webster tri-polar oscillator and used in farm engines. After several disastrous floods of the nearby Sandusky River in the spring of 1913, along with the loss of his building lease, Webster decided to move his company closer to home. He selected Racine, Wisconsin, and there in the early 1920s, one of Webster's many diversified business interests became broadcast radio receivers.

In 1921, the country was entering an economic recession. Since Webster's magneto design was becoming obsolete, company profits were dropping. The following year, the company made its first radio-related products with a small line of parts, such as coils, battery clips, variable condensers, and binding posts for builders and experimenters. By late 1922, the company had decided to expand its radio parts business and to manufacture receivers.

In February 1923, Webster advertised the Type

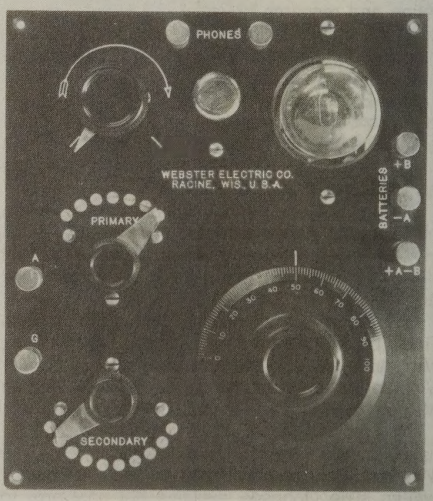


Figure 2. The Type 2A receiver front panel.

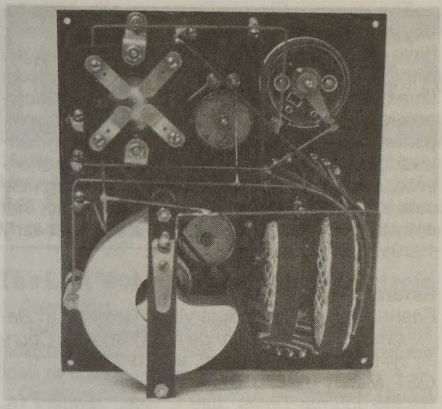


Figure 3. Rear view of the Type 2A chassis.

2A 1-tube receiving set, shown in Figures 1 and 2. In a cabinet identical to the DeForest DT-700 is a well made, quality receiver which sold for $30. The main tuning dial controls a sturdy, cast aluminum frame capacitor. The grid-leak resistor is located on the front panel under the nickel-plated cover near the headphone binding posts. The "resistor" is comprised of graphite pencil marks between the two terminals located under the cover. The rear view of the Type 2A chassis can be seen in Figure 3.

The company's prior manufacturing experience was apparent in the construction of this set. The operating instructions were printed on a card pasted inside the removable top lid. The opening sentence proclaims that "This set is of the non-regenerative type and is equipped with primary and secondary tuning coils." Despite these claims, the electrical design was unquestionably regenerative. The schematic in Figure 4 shows the feedback coupling between the plate and grid circuit.

Like many of the 1-tube set manufacturers of that era, a 2-stage audio frequency amplifier was also available. Webster's magazine ad in Figure 5 shows the Type 2A receiver along with the 3B amplifier in a matching cabinet with a headphone compartment.

(Continued on following page)

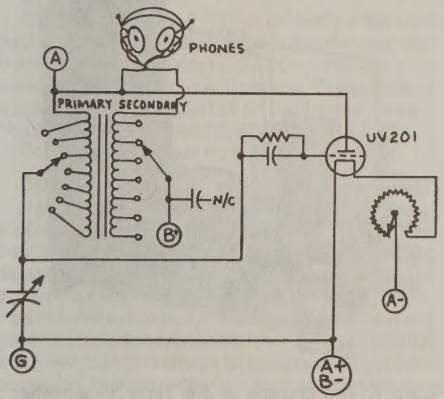


Figure 4. Schematic of the Type 2A receiving set.

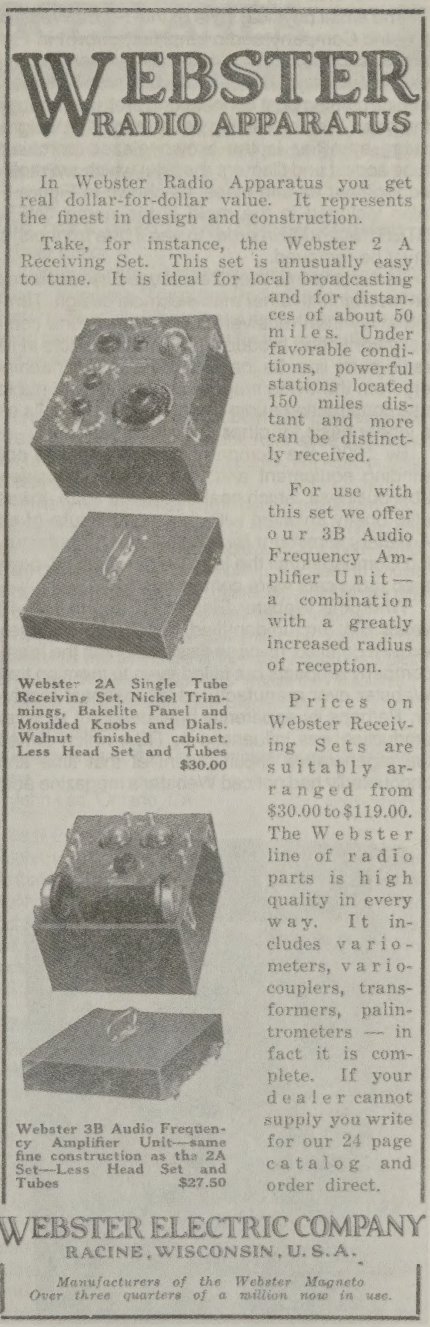

WEBSTER
RADIO APPARATUS
In Webster Radio Apparatus you get real dollar-for-dollar value. It represents the finest in design and construction.
Take, for instance, the Webster 2 A Receiving Set. This set is unusually easy to tune. It is ideal for local broadcasting and for distances of about 50 miles. Under favorable conditions, powerful stations located 150 miles distant and more can be distinctly received.
For use with this set we offer our 3B Audio Frequency Amplifier Unit—a combination with a greatly increased radius of reception.
Webster 2A Single Tube Receiving Set, Nickel Trimmings, Bakelite Panel and Moulded Knobs and Dials. Walnut finished cabinet. Less Head Set and Tubes $30.00
Webster 3B Audio Frequency Amplifier Unit—same fine construction as the 2A Set—Less Head Set and Tubes $27.50
Prices on Webster Receiving Sets are suitably arranged from $30.00 to $119.00. The Webster line of radio parts is high quality in every way. It includes variometers, variocouplers, transformers, palintrometers — in fact it is complete. If your dealer cannot supply you write for our 24 page catalog and order direct.
WEBSTER ELECTRIC COMPANY
RACINE, WISCONSIN, U. S. A.
Manufacturers of the Webster Magneto
Over three quarters of a million now in use.

Figure 5. March 1923 "QST" magazine advertisement showing the Type 2A receiving set and the Type 3B 2-stage audio amplifier.

(Webster Electric Co., continued)

According to these ads, other radio apparatus was available, including different receivers.

The small physical style of the 1-tube Webster Electric Company audio amplifier, shown in Figure 6, suggests that it could have been a companion for a crystal set. The cabinet top is hinged, and all binding post connections protrude through the rear. An interesting feature of this single-stage amplifier is the brown glazed porcelain tube socket and filament rheostat which are molded together as one piece, as shown in Figure 7. Also included in the mold is the name "WEBSTER," although in order to see it, the front panel must be removed.

As a company, Webster focused its resources on mechanical rather than electrical design. Turning away from receiver manufacturing, the company continued producing several products in its radio parts line. Its inactive coil winding machinery from the dying magneto business was put to use constructing audio transformers and coils on a jobber basis for other radio manufacturers.

By 1926, the company had updated its coil winding equipment and was doing a considerable business, which peaked around 1929. It was also briefly involved with the manufacture of an A-battery eliminator for the Webster Manufacturing Company until the late 1920s when AC powered radio sets were common.

When the Webster Electric Company was 43 years old, an unidentified, longtime employee wrote a detailed 18-page dissertation on the many company products but failed even to mention that Webster ever manufactured a broadcast receiver. Perhaps its apparently brief period of receiver production was influenced by RCA which owned the regenerative circuit patent at that time and undoubtedly had noticed Webster's magazine ads.

Figure 6. The 1-tube Type 3B amplifier unit.

The Webster Electric Company still exists today in Racine, although the name and ownership have changed since the 1920s. Webster merged with Sta-Rite Industries in 1966, and in recent times, has become Danfoss Fluid Power Incorporated, whose primary product is hydraulic components. In the early years, the company survived with a variety of products, some very short-lived, such as broadcast receivers. Although the sets from this Racine radio company are not that easy to find, they are a great addition to an early 1920s radio collection.

References:

Keehn, Richard H. "Industry and Growth," in *Racine Growth and Change in a Wisconsin County,* Nicholas G. Burckel, ed., 1977.

QST, March 1923, p. 82.

Racine Journal-Times: July 1, 1934; January 16, 1948; August 7, 1955.

Radio News, February 1923, Vol. 4, No. 8, p. 1551.

Radio News, May 1923, Vol. 4, No. 11, p. 2053.

Racine Shoreline Leader, May 29, 1986.

Radio Trade Directory, May 1925, Vol. 1, No. 3, p. 31.

"Webster Electric Company Product History." (Anonymous, nonpublished paper at Racine County Historical Society and Museum, believed to be the unabridged text written for the Webster Electric Company's contribution to the "Industry and Business" chapter in the book *Racine Growth and Change in a Wisconsin County*).

(Frank R. White, P.O. Box 3283, Olathe, KS 66063)

Frank White is an engineering technologist who holds an Amateur Extra Class ham license. His present collecting interests began in 1978 with pre-1925 receivers and old General Radio Company engineering instruments. He now specializes in 1-tube regenerative receivers and crystal sets. A charter subscriber to A.R.C., Frank is well known to our readers as the author of the annual "White's Index to A.R.C."

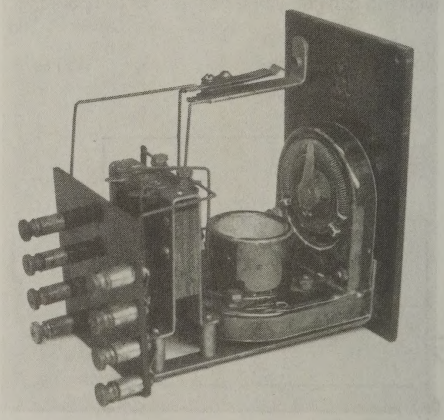


Figure 7. The chassis of the Type 3B amplifier showing the molded socket and rheostat unit.

RADIO MISCELLANEA

"Antique Radio Classified" invites its readers to contribute letters and information for inclusion in "Radio Miscellanea" and elsewhere in the magazine. The topic should be of general interest and sent to A.R.C., P.O. Box 2, Carlisle, MA 01741. All material submitted should be verified for accuracy and may be edited for publication, which is not guaranteed. See the masthead for more details.

The Last Word on Cramolin & Quietrole

Dear Editor:

Radio Miscellanea is a fine sounding board for the radiophiles who subscribe to A.R.C. Please put me down as boosting for continuation.

On that subject, let me add my accolades to Gerald Cromer (June 1993) about Cramolin by Caig (not Craig) Laboratories, Inc. ...I learned the value of Red Cramolin spray over 10 years ago. ...Recently, I mortgaged the house and purchased 4 cans of DeoxIT Red at $8.95 each ($9.50 for a single can)... It goes a long way and is the best I have encountered in my over 50 years of exposure to dirty stuff like controls, contacts, etc... MCM Electronics, 650 Congress Park Drive, Centerville, OH 45459-4072, is a good source. Their toll-free number is 1-800-543-4330 for credit card orders, or a catalog may be requested. Their fax number is 513-434-6959.

Stan Lopes, Concord, CA

Dear Editor:

I keep reading all of the lamenting over the unavailability of Quietrole. I must admit this has me rather puzzled because I quit using Quietrole about 20 years ago and started using a much better and less messy substitute that never failed me once in my 30+ years as a technician and owner of 8 shops. ...It's good ol' WD40. A small squirt goes a long way. A can will take care of all your dirty contacts and controls until the can rots.

Caution—just like Quietrole, do not spray gang switches, such as tuners for TV's, liberally; otherwise, you will detune the coil assemblies. Just spray a little on a rag and wipe it on turret-type tuners until the contacts are bright. On the older wafer tuners, use the red "wand" nozzle that comes with the can, and spray carefully on the contacts only.

Leland Faber, Elk Grove, CA

Prices in Ads — List Ethics

Dear Editor:

Although I feel that A.R.C. is generally a top-shelf publication, one thing continues to bother me issue after issue — ads without prices! I consider these ads to be a waste of valuable paper and my time. Please institute a policy whereby ads won't be printed without prices. If "Audio-Mart" can do it and survive, so can A.R.C.

Charles Ochs, Woods Hole, MA

Dear Editor:

I would really appreciate it if you would strongly encourage your advertisers to price their sale items. If their price is out of line, people will not waste long distance charges en masse. I would also encourage you to refuse ads for sales of lists that are not yet printed. That includes catalogs, flyers, whatever. It's all well and good for people to advertise that they will be coming out with a new list, but to charge for something not yet even composed, let alone printed, is a great way to put money into an interest accruing account and let the sender wait and wait and — . You got the message.

Richard Mackiewicz, Coventry, CT

The Yea's Have It On *The Eliminator*

Dear Editor:

Just a quick note — I especially enjoyed the April 1993 issue. I found the "Transistor Radios" ad by the Price Buster to be totally hilarious and right on target. Thanks for an excellent magazine and for the entertainment.

Karl Ayer, Thiensville, WI

Dear Editor:

I read with fiendish delight both *The Eliminator* and "Are We Having fun Yet?" in the April issue of A.R.C. I don't know which article I liked better. We need pundits as well as clowns!

...The great Japanese artist Toshi Yoshida said, "Collecting should not be a matter of investment. When one does this, one reduces one's collection to a mere matter of speculation, a form of gambling. A collection should have its own personality and character, and this can only be based on the individual's taste and sensibility."

...Again, thank you for publishing the velvet-gloved uppercut as well as the pie-in-the-face; it's always a pleasure to watch true connoisseurs "whack the Philistines."

Linton G. Robertson, San Diego, CA

Dear Editor:

I really enjoyed the *The Eliminator* parody in the April issue.

John Lee, Ontario, CA

Dear Editor:

John, my subscription is good until 1996, so it's easy to see that I love your publication! But, I am dismayed at the frivolity in the April issue with *The Eliminator* and the "Dear Doctor Radio." ...So let's knock off the Hugo Gernsback stuff. I knew him, and you are not a Hugo Gernsback!!! Give us more ads before I have withdrawal.

Stan Lopes, Concord, CA

Encourage Wood Dye Maker

Dear Editor:

Refinishing wood-cabinet radios of the 1920s is often a tiresome and frequently a frustrating task. This may be in large measure due to the difficulty in obtaining the proper products for the job.

Until recently, there was a source of special wood dyes that did the job right. I've been doing this refinishing for 40 years, and never found a product which does such an excellent job. But, now we are losing that product.

Joe Synek, the chemist for Formulation Development Laboratories, 13930 108th St., Lenexa, KS 66215, has stopped making these special wood dyes due to the limited demand.

If enough interested A.R.C. readers encourage him, he could start making them again. The product is quite inexpensive and did a job like no other stain on the market.

I'm writing to him too because I need some!

Hal Burt, Englewood, CO

The Kylectron Electrostatic Speaker
A History and Restoration

BY DANIEL SCHOO

To Daniel Schoo's knowledge, the Kylectron speaker, circa 1929, was the first electrostatic speaker to be marketed on a large scale in the United States. As indicated by a 1929 "Popular Mechanics" article and by the space given it by Ghirardi in his classic radio physics and servicing books, the Kylectron was well known in its time. Dan hopes that his article will rescue the Kylectron from obscurity and encourage collectors, who may wonder what they have, to recognize it and reinstate it as a unique piece of radio history. [Editor]

From the 1920s to the present, various types of speakers have been manufactured, most of them based on the interaction between a coil of wire carrying the audio signal and a magnetized piece of metal. Many of these early electromagnetic speakers were complicated and delicate devices that relied on leverage and precision adjustments. Most speakers made today still depend on the same principle of magnetic attraction and repulsion between a flow of alternating current in a wire and a fixed magnetic field.

The electrostatic or, as it was sometimes called, the condenser speaker uses the attraction and repulsion of unlike and like charges to generate mechanical motion of a flexible diaphragm. Just as static electricity on a pocket comb can pick up bits of paper or thread, static electricity can be used to move a diaphragm with an audio signal and convert the signal into sound vibrations in the air.

The construction of the electrostatic speaker is simple. It is basically a capacitor with one plate that is thick and rigidly fixed and one that is thin and flexible. The two plates are closely spaced and have a small air gap and a flexible insulating material in between. The insulating material provides support to the flexible plate and allows close spacing between the two plates while preventing a short circuit or spark discharge.

With the fixed plate held at ground potential, a voltage applied to the flexible plate produces an electrostatic force that causes an attraction between the two. The flexible plate, being free to move, is pulled closer to the fixed plate by the difference in charge between them. When the voltage is removed, the attraction ceases and the flexible plate, being under tension, moves back to its original position. It does not matter whether the signal applied to the flexible plate is positive or negative; the attraction always pulls the plates closer together. Since this would cause distortion in the reproduction of sound, a DC voltage bias is applied across the two plates along with the audio signal to pull them together to a mid-position in the travel.

As the audio signal voltage swings positive and negative, it either adds to the bias voltage,

Figure 1. The Kylectron speaker with owner Debbie Johnson.

pulling the plates closer together, or subtracts from it, causing the plates to move farther apart. The flexible plate moves in and out around the mid-position in time with the audio signal.

Both the efficiency of the speaker and the amount of distortion produced improve with a higher bias voltage. The higher the ratio between the bias and the audio, the better the sound. There is, of course, a practical limit to the bias voltage. Too much bias will pull the plates so close together that they do not have sufficient travel to produce sound of adequate volume. Higher bias voltages also become difficult to insulate from breakdown and spark discharge.

Since the electrostatic speaker operates by the attraction of static charges and not current flow, the impedance is quite high. The current drawn is due mainly to the capacity of the speaker coupling the audio signal to ground. For vacuum tube circuits, it is not always necessary to use an audio output transformer, as it is with the typical dynamic speaker, to match the impedance of the plate circuit of the output tube to the reproducer. Simple capacitive coupling of the audio to the speaker is usually the only requirement.

THE KYLECTRON

A unique form of electrostatic speaker was manufactured and sold by the United Reproducers Corporation in 1929. At that time the electrostatic speaker was a rarity. Although electrostatic speakers had been made and sold in Germany based on designs by Hans Vogt and Eugene Riesz, technical problems with their reliability and sound quality made them commercially unsuccessful. The United Reproducers speaker was a new design that solved many of the earlier problems. It was called the "Kylectron" and was named after the inventor, Mr. Colin Kyle.

Collectors Dan and Debbie Johnson found the Kylectron speaker, shown in Figure 1, at an estate sale. It is in the form of a table 32" high, 29" wide and 15" deep, with seven sound panels mounted in a vertical array at the back. This panel arrangement is shown in a back view of the speaker with its cover removed in Figure 2. This particular model was sold as a stand-alone system to be connected to any radio set. Others were built into radios and sold as a complete unit.

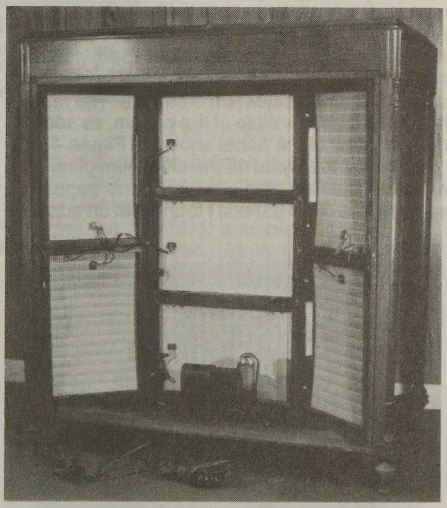


Figure 2. Back view of the speaker showing panel arrangement.

Each of the seven panels consists of a wood frame 8" x 12" x 1" in depth at the center and tapering to 0.625" along the long dimension at each end. Figures 3 and 4 show the front and back views of a panel as we found it. A slotted aluminum plate 0.050" thick is nailed to one side. This aluminum plate is curved outward in two dimensions to form a slight convex shape and coated on the front side with a red insulating varnish. Parallel to the short dimension are 14 ribs spaced at 0.750" intervals across the surface. Between the ribs the aluminum is depressed inward about 0.012" forming a concave strip from one end to the other. Fifteen of these strips formed the actual radiating elements of the panel.

To make the flexible plate, an elastic rubber insulating material about 0.005" thick called "Kylite" was used. The Kylite was stretched across the panel and held in place by a cotton cord pressed into a groove around the outside perimeter much like the spline used to hold a window screen. The cord was then sealed in place with shellac. The Kylite was supported over the curved face of the aluminum by the ribs and was free to move over the strips in between.

The conducting surface of the flexible plate was made by gluing tin or aluminum leaf about 0.0001" thick over the surface of the Kylite to within about one quarter of an inch of the retaining cord around the edge. The electrical connection to the flexible plate was made by placing a strip of brass spring on the front of the panel in contact with the leaf and passing a retaining screw to the back through a hole in the rigid and flexible aluminum plates. The screw was held in place by an insulating phenolic shoulder washer supported on the back plate and secured with a nut. A solder lug under the nut provided the point of connection for the flexible plate.

A small power supply was included to provide about 500 volts DC to bias the speakers. Mounted at the bottom of the cabinet, as seen in Figure 2, this power supply consists of a small power transformer which supplied the high voltage and the filament voltage for a 01-A vacuum tube connected as a rectifier.

The advantages of this speaker over the usual electromechanical types of the time were its simple mechanical design, low material cost and relative ease of manufacture. Unlike conventional speakers of that period, the Kylectron speaker did not require heavy electromagnetic assemblies containing expensive magnet wire. It did not require the fabrication of precision parts, the use of close mechanical tolerances, such as magnet gaps, or voice coil centering. In single units, the Kylectron speaker measured 8" x 10" x 1" and was smaller than conventional speakers. Also, since the diaphragm has a low inertia and is driven uniformly over the entire surface, the Kylectron produces a flatter and better high frequency response than a magnetic speaker.

(Continued on following page)

(Kylectron Speaker, continued)

There are disadvantages, some of them serious. The need for high voltage bias requires a power supply to operate the speaker, and the high voltage could be dangerous. With the materials available at the time, the insulation was prone to electrical breakdown. The limited movement of the diaphragm produced a poor low frequency response, and the efficiency of the speaker was low.

The biggest problem is that the Kylite had a very short life span. It would deteriorate, begin to break down, and then become punctured by spark discharge. By 1930, replacement Kylite was not available, and the only means of repair for a radio with a failed electrostatic speaker was replacement with a dynamic type. For this reason, probably very few of these unique speakers remain today.

UNITED REPRODUCERS

United Reproducers Corporation was incorporated in New Jersey in 1928 with the merger of four companies: United Radio Co. (Peerless) of Rochester, New York; Precision Products Co. (Arborphone); Buckeye Cabinet Co. (Buckeye Incubator) of Springfield, Ohio; and Newcombe-Hawley Co. of St. Charles, Illinois. United Reproducers maintained offices and manufacturing plants in Rochester, New York; Springfield, Ohio; and St. Charles, Illinois. Company product labels used the Springfield address.

Newcombe-Hawley was incorporated in Illinois in 1924, and was primarily in the business of making horn speakers. Under United, Newcombe-Hawley started limited production of the Kylectron speaker in early 1929, beginning sales to the public in June.

In addition to the stand-alone Kylectron speaker, United made a line of radios under the Peerless, Courier and Kylectron names. Some of these radios used electrostatic speakers, and some used electromagnetic speakers. Peerless was the better line with five models ranging from $195 to $600; two used the Kylectron speaker. Courier had four models ranging from $85 to $165; one used the Kylectron, and one was sold without a speaker. The Kylectron line had two models at $149.50 and $169.50, both using the Kylectron speaker. All models were screen grid TRF designs and were sold without tubes. The stand-alone electromagnetic speaker system, made by Newcombe-Hawley, sold for $37.50. Selling prices were slightly higher in the West.

Radio chassis were made in Ann Arbor, Michigan, by Arborphone. Chassis were shipped to Buckeye in Springfield and assembled into cabinets with electrodynamic speakers made in Rochester or Kylectron speakers made in St. Charles. Shortly after the stock market crash in October of 1929, United as a corporation failed. Newcombe-Hawley survived and was renamed Hawley Products in 1931.

Hawley Products returned to the manufacture of its original product lines of molded fiber products, such as filters, tropical helmets, automotive speaker enclosures, and speaker cones for the radio industry. This company has reorganized several times over the years and continues to operate in St. Charles, Illinois. The Springfield, Ohio, plant was closed in late 1929, and the business was acquired by the Gray Electric Company, also in Springfield.

COLIN KYLE

The basic principle used in the Kylectron was patented in 1927 by Colin Kyle. Kyle was born in Sacramento, California, in 1894, graduated from the San Jose State Teachers College, now San Jose State University, and taught school for several years in California and Arizona. He moved to Illinois and lived in the Geneva/St. Charles area about 30 miles west of Chicago.

Working with the Newcombe-Hawley Laboratory and using the facilities of the Riverbank Acoustical Laboratories in Geneva, Illinois, he developed his Kylectron speaker into a commercially saleable product. Much of the work was devoted to the development of the flexible insulating material for the diaphragm and research on the construction of the back plate. After the breakup of United, Colin Kyle continued to work for Hawley as an inventor and designer. He died in 1965 in Geneva at the age of 70.

REBUILDING A KYLECTRON SPEAKER

After the Johnsons had taken me up on my offer to help them restore the Kylectron, I began by taking detailed photographs of the speaker assembly to document the construction. I then removed the panels one by one to examine them. As you can see in the closeup view of the front of a panel in Figure 3, nearly all of the Kylite had crumbled away and fallen off. Only a few hard pieces remained stuck to the surface. The manufacturer's label is visible at the bottom, as seen in the rear view of the panel shown in Figure 4.

I scraped the Kylite off the aluminum plate and removed the retaining cord from one panel. Inspecting the other panels, I found that on some of

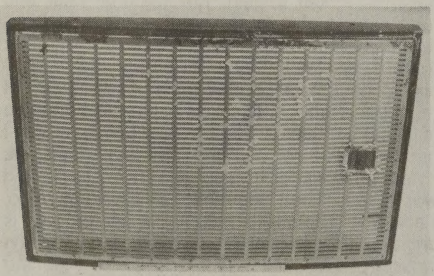


Figure 3. Kylectron panel as found, front view.

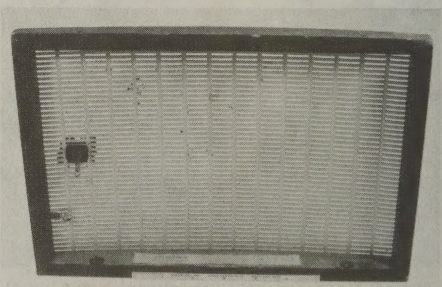


Figure 4. Kylectron panel, rear view.

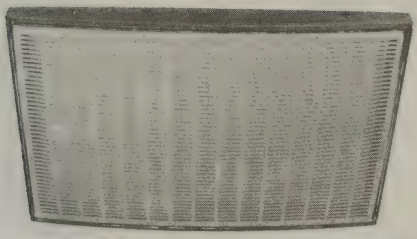


Figure 5. Panel prepared for reconstruction.

them, the wood had split on the outside, causing the cord to be loose in the groove. On these panels, several small nails had been driven through the cord at the split in order to hold the cord in place. This appeared to have been done at the factory since the nails were identical to those that held the aluminum in place and they were shellacked in place with the cord.

I used the first panel as a test fixture and tried a number of experiments with different materials for the diaphragm. One-mil aluminized Mylar worked fairly well, but because of the shape of the aluminum plate, it was impossible to attach without large ripples forming at the edges. Quarter-mil Mylar was easier to attach, and the ripples could be smoothed out with the application of heat; however, it would not stand the bias voltage. The Mylar also had a poor low frequency response due to inelasticity.

Finally, I located a source for 0.005" latex sheeting. The latex is stretchable, goes on smoothly and is easy to work with. It can stand the voltage and has a reasonably long life.

The last problem to solve was the conductive coating. I tried an aerosol Aquadag coating, but the solvents deformed the latex. I could not locate a source for tin leaf but I found a supplier of 0.0003" aluminum foil. The aluminum is thin enough to stretch to a small degree, and this helps to minimize wrinkling. Aluminum is also about a third as dense as tin so the mass of the flexible plate came out about the same as with the 0.0001" tin leaf. When I had settled on the materials to use, the reconstruction went fairly quickly.

THE PROCESS

The first step in rebuilding a Kylectron speaker is to remove the brass electrode assembly and all the old material from the perforated aluminum plate. Pull out the cord, and brush the groove with a stiff bristle brush. Lightly sand the aluminum with a fine grade Scotchbrite pad or fine sandpaper to smooth out any scratches. Examine the nail heads and gently tap any of them that are sticking up flush down. If any of the frames are split, apply a good wood glue, such as Elmer's Professional Carpenter's Wood Glue, and clamp the area until the glue sets. Mask off the wood frame and spray a thin coating of insulating varnish, such as General Cement Red GLPT, over the front surface of the aluminum. Allow sufficient time for the varnish to dry and remove the masking.

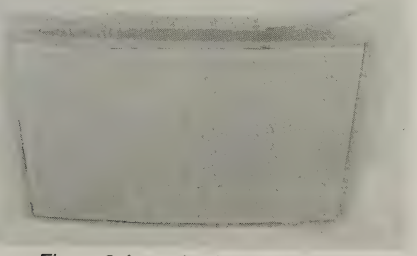


Figure 6. Latex in place on panel.

Figure 7. Installing retaining cord on panel.

Once the frame is prepared, as shown in Figure 5, the latex is installed. Cut out a piece of 0.005" thick latex about 11" x 15" and outline an area 7" x 11" in the center of the latex. This is most easily done by making a cardboard template the size of the outline. Place the cardboard on the latex in the center, and mark around the outside with a pencil or pen. Place the latex on the panel, centering the outlined area over the aluminum. Stretch the outline on the latex to the inside edge of the retaining slot around the edge of the frame, and secure it there by taping the latex to the work surface, as shown in Figure 6.

Install the retaining cord in the slot. A cotton cord about 0.125 inches in diameter works well and can be installed with a common screen installation tool, as shown in Figure 7. You can start at any point around the frame. After the latex has been secured with the cord, remove the tape. Clean the surface with a soft cloth and mild detergent, to remove any powder and dry it thoroughly.

Now the panel is ready for the installation of the conductive foil. Mask the panel with masking tape. Position the tape to cover the frame and

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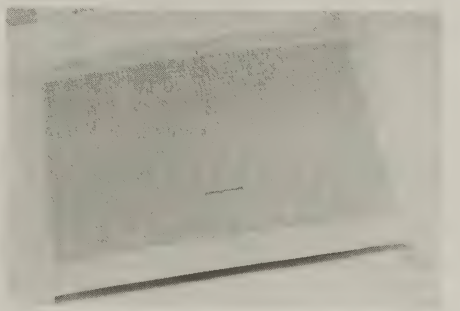

Figure 8. Panel ready for foil application.

(Kylectron Speaker, continued)

overlap about 0.250" over the outer edges of the aluminum back plate on all sides. Use a high-accuracy type of tape commonly used for detailing aircraft and automotive applications. It has a plastic base and will not allow the aerosol adhesive to creep underneath like the paper-based tapes will. Also, some paper-based tapes will stick aggressively to the latex making the tape very difficult to remove.

Find the center line of the panel perpendicular to the long dimension and make a mark on the tape on both edges of the panel. This will provide alignment marks when the foil is attached. Spray the panel lightly with an aerosol adhesive like Scotch Super 77. You may want to practice this a few times to get the coating right. An aerosol adhesive sprays on quickly, so just a couple of brief sweeping shots of a few seconds is sufficient.

The panel is covered with foil one half at a time. The foils I used were 8" square. A single sheet large enough to cover the entire panel would wrinkle because of the spherical shape of the aluminum plate. To make sure a good electrical connection is made between the two foil

Figure 9. Applying foil to panel.

sheets, first stick on two small aluminum foil strips about 0.125" wide x 2" long perpendicular to the panel center line at a distance of about one third of the way in from each of the long edges, as shown in Figure 8.

Attach the first of the foil sheets by aligning one edge along the center line and sticking it down starting from the middle and working out. When the edge of the foil is attached, start in the middle of that edge and work out radially applying light pressure with your fingers to attach the foil to the surface. Be careful not to apply too much pressure or the foil will gouge or, even worse, puncture. Do the other half in the same way. Butt the second foil up to the first one, as shown in Figure 9, and continue as before,

During application some wrinkling will likely happen, but it will not affect the speaker significantly. Rub gently with a soft cloth to smooth out the foil, and press it firmly to the latex over the entire surface especially at the edges. Figure 10 shows a panel with the foil applied. Wait a few minutes for the adhesive to set. Remove the tape by slowly pulling it up and outward, and the excess foil will

Figure 10. Foil applied to panel.

come with it. Trim off the excess latex around the outer edge with a sharp knife. Leave about 0.125" of latex beyond the retaining cord.

To complete the reconstruction, make a hole in the flexible plate for the connection electrode by placing the phenolic washer in the opening in the back and pushing a fine tipped heated soldering iron gently through the hole in the washer. Install the electrode and solder lug. Tighten the retaining screw just enough to be snug. The retaining cord can be sealed in place by applying a generous amount of amber shellac and allowing it to dry. The panel is now complete and ready to install in the cabinet. A recovered panel ready to be shellacked is shown in Figure 11.

FINAL TESTS

Measurements done on each of the panels independently and as a finished assembly confirm the printed accounts of the Kylectron. Sensitivity is not especially good. Using the standard 500-volt DC bias, the acoustical output is 65 db on the center axis one foot from the surface at 1 kHz with 10 volts RMS of signal across the speaker. At 20 volts the output is 71 db.

The frequency response is quite good at the upper frequencies, dropping by only 7 db at 14 kHz referenced to the 1 kHz level. The low end is rather smooth down to 150 Hz, and then it drops sharply by 15 db at 100 Hz. These numbers are very rough because of the lack of a good acoustical test setup, but they match fairly well with information available in the publication *Proceedings of the Institute of Radio Engineers* and the *Condenser-Type Loud Speaker* by Morgan.

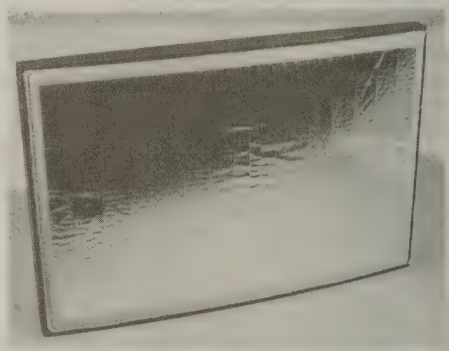

Figure 11. A recovered panel ready to be shellacked.

The directionality is wide at lower frequencies. At about 5 kHz and above, the sound becomes quite directional and is loudest at the central axis both horizontally and vertically. For listening to AM broadcasting, directionality is not a problem since frequencies above 5 kHz are minimal anyway.

The listening tests confirm the measurements. The sound at the high end is quite good but lacks the body of a good bass. The output level is adequate for listening, and the assembled array can be moderately loud. If pushed, the speaker quickly goes into distortion, producing a crackling noise on louder sounds.

ELECTROSTATIC SPEAKERS TODAY

Zenith, among others, used small electrostatic speakers as tweeters in stereo systems and top-end table radios through the 1960s. Electrostatic speakers are still in wide use today. Some are part of very high end stereo sound systems, but most find application in other uses. One notable example is the use of a small electrostatic speaker in the ultrasonic ranging system for automatically setting the focus on instant print cameras.

Others are used in ultrasonic distance measurement and presence detection for security systems and entrance door openers. The construction is basically the same as the older types except that space-age materials like aluminized Mylar are used for the flexible diaphragm. The new ones have an almost unlimited life and are rugged enough to be used outside permanently.

SAFETY NOTE

I would like to warn the reader about the hazard of working on an electrostatic speaker or any device that uses high voltage to operate. The voltages normally used are dangerous and can be *lethal.* Always use a power line isolation transformer when working with a device that operates on 120-volt AC power. Even if it has its own transformer, the AC could be ground faulted to the chassis through a bypass capacitor or the power transformer.

Never take anything for granted. Remove the power cord from the outlet, and discharge the power supply capacitors before touching or doing any work on electrical devices. When making measurements or doing alignment with the power on, plan in advance what you are going to do. If possible, connect the test instrument with clip leads to the device and then apply power.

Take your time and think through what you are doing. Many radios and electronic devices that were made years ago were not designed with safety in mind as much as they are today. Certain exposed metal parts could pose a shock hazard even when operated as originally intended! The high voltage bias on a Kylectron can easily be contacted by poking a metal object through the grille cloth. Never operate a Kylectron around children without close supervision.

If the insulation of the speaker should break down and short, the bias voltage is applied directly across the audio input leads to the speaker. This could pose a shock hazard to the user. For personal safety reasons, it is advisable to insert an audio coupling transformer between the Kylectron and the audio amplifier or radio to block any DC that may appear following a failure. The transformer insulation should be sufficient to stand at least 500 volts from primary to secondary or to the core.

If you connect a modern amplifier or radio with an 8-ohm output, you must use a transformer to match the impedance of the Kylectron. You can use any suitable audio output transformer. This transformer should be capable of handling the power output from the audio amplifier or radio. The impedance values should be between 2,000 and 5,000 ohms. Connect the low impedance, or voice coil winding, to the amplifier's output. The high impedance winding, normally connected to the plate of the output tube, goes to the Kylectron input leads.

If you are setting up a system with a radio built at the time the Kylectron was sold, you can connect it directly to the speaker. For safety, you can use a 600-ohm, 1:1 turns ratio audio coupling transformer between the radio and the speaker to prevent a shock hazard in case of failure. Since radio sets of the 1920s vary in the type of speakers that were used, some experimentation with transformers might be necessary to find the best impedance match.

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U.S. Patent No. 1,644,387. Issued October 4, 1927.

Acknowledgements:

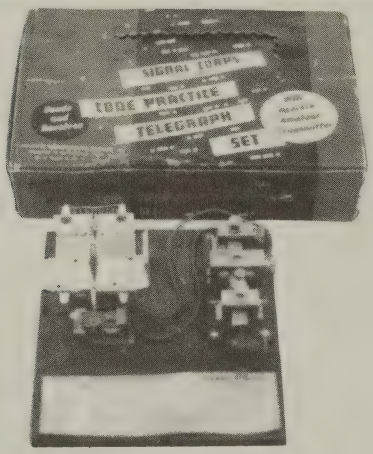
I would like to thank the following people and organizations for their help with the research on Colin Kyle and the United Reproducers Corporation: Steven Frock; David G. Kyle; Lee Robbins; John Russell; Hardy Trolander; The St. Charles Historical Society, St. Charles, Illinois; The Clark County Historical Society, Springfield, Ohio; and The Clark County Library, Springfield, Ohio.

(Daniel Schoo, 526 Colonial Dr., DeKalb, IL 60115)

Daniel Schoo is an electronics design engineer with a lifetime interest in antique technology, especially radio and television equipment. In addition to his collection of 1930s and 1940s radios and video cassette recorders, he has a collection of vintage vacuum tubes and neon lamps, as well as tube data books.

PHOTO REVIEW

This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



PHILMORE CODE SET – This battery-operated, code-practice buzzer features a telegraph key that would "operate a real amateur transmitter," as noted on the original carton. *(Randy King – Lincoln, NE)*

CROSLEY MODEL 124 "PLAYBOY" – Described in Rider's as a compact 10-tube superhet, this gem was only in need of a good cleaning and new filter caps when I found it in New Bedford, Mass. All tags are in place, and it plays beautifully. The tube complement is (1) Type 80, (2) 27s, (2) 35s, (2) 24s, and (2) 47 push-pull output tubes. *(Joseph C. Burke – Weehawken, NJ)*

CLAPP-EASTHAM TYPE D RECEIVER – This long distance receiver was manufactured by the Clapp-Eastham Co. of Cambridge, Mass., and sold for $180 in 1914. Two rotary type variable plate condensers are located at each end of the panel. A Blitzen Type D receiving transformer with loose coupler characteristics is mounted in the center. This tuner was connected to either an Audion tube or crystal-type detector and a pair of headphones to complete the receiving unit. Found inside an old radio magazine, this photograph appears to be the same one used in the Mesco catalogs, as the dial settings are at the same numbers, and it has the very same panel scratches. *(Anthony Ciardi – Scranton, PA)*

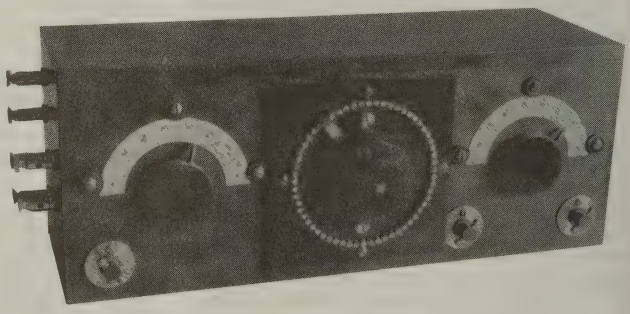
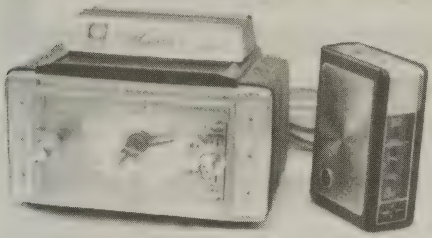
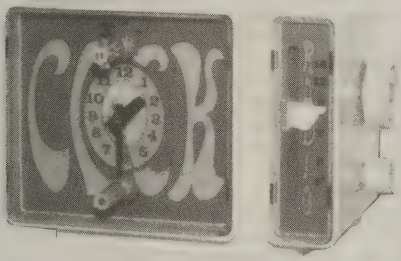


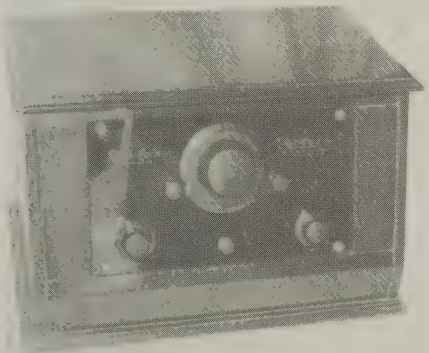
PHOTO REVIEW



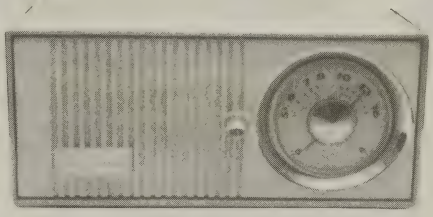
GE MICRO-ELECTRONIC CLOCK RADIO – A mid-1960s (?) model, this set has a detachable radio. Its battery is charged while the radio is plugged into the clock. *(Randy King – Lincoln, NE)*



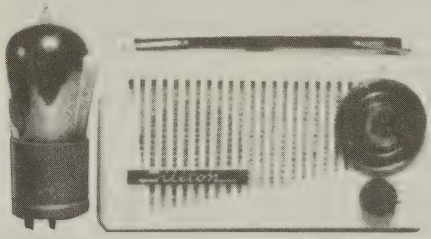
GE-C3300 CLOCK RADIO – A neat representative of the 1960s, Peter Max style, this clock radio is another great garage sale find. I really like the hand pointer on the vertical dial. *(Frank Reich – Arlington, WA)*



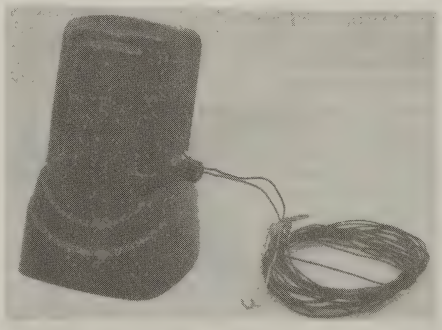
DISTANTONE "FIVER" - This 1926 battery set, made in Lynnbrook, N.Y., has a slope front made from a high gloss, deep maroon-colored Bakelite panel. It is a single-control radio with all tuning capacitors on one shaft directly driven by the large center knob. The radio is in excellent condition and is on display at our museum. *(Vintage Radio & Communications Museum - New Britain, CT)*



SILVERTONE MODEL 4002 – In 1964, this 5-tube, American-made Silvertone was my seventh birthday present. At age 34, I can actually show a vacuum tube set that I've had since it was new. Perhaps the least collectible set in my collection, it has the greatest sentimental value. *(Fred Kaeppel – Newburgh, IN)*



HILTON MODEL G. W. 3672 – Measuring 2" by 3 ½" by 6", not much larger than a Radiotron UV 201 tube, this tube-type superhet portable contains 4 miniature type tubes — 1T4, 1R5, 3S4, and 1U5 — plus a dynamic speaker. For power, it has a 1 ½ volt C cell and a 45-volt Eveready Type 415 B battery. The small knob switches to a low, high, or earphone position. *(Richard Buchan – Sun City, CA)*



MICRO-VOX – Measuring 7 inches high, 4 inches wide, and 2 inches deep, this marbleized plastic wireless mike uses one D cell and has an antenna and a ground wire, as well as a slug for changing frequency. Its separate stand measures 5 inches deep. *(Randy King – Lincoln, NE)*

MEET & AUCTION REPORT

Ruder Vintage Radio Estate Auction
Seville, Ohio — May 8, 1993

CONTRIBUTED BY RICHARD ESTES

The Larry Ruder Auction Service held its spring auction devoted to radios and related items on May 8, 1993, at the Seville Auction Barn in Seville, Ohio. Auctioneers Larry Ruder and Richard Estes sold over 500 lots in four hours. With 75° weather, ideal for Saturday yard work, attendance numbered 76 bidders.

Most of the huge amount of test equipment was sold in large lots. The parts sold in lots of two to ten boxes ranging from $5 to $75. All of the test equipment and most of the radios were from an estate in Booneville, New York, and were trucked to the auction site. An Edison Triumph 2 and 4 minute phonograph with mahogany horn went for $1,200. Also sold was the balance of radios from Ruder's February 13th auction [see A.R.C. May 1993, pp. 14-15].

In addition to the items listed, many small table radios were sold. Also, 20 tube testers in the auction varied in price from $10 to $75.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown

Artino disc records, (3), e $25
Atwater Kent E Series speaker, g 55
Atwater Kent Model 55, p 17.50
Brunswick Model 60 and speaker, e 150
Car radios, old, box lot 60
Car radios, old, choice, 8 pcs., ca. 1940s 80
CB lamp novelty, e 56
Crosley Coloradio, white, f 65
Crosley RM3 tombstone, restored, g 95
Delco Bakelite table radio, g 20
Edison cylinder records, (30) 60
Edison Triumph 2/4 min. phonograph, mahogany horn, e 1,200
Emerson leatherette radio, f 12.50
GE HJ-905 console, f 35
GE Simplex tombstone, f 55
GE table plaque advertisement. 10
Gloritone speaker Art Deco, f 60
Guild telephone radio, g 30
Heathkit oscilloscope, unk 15
Hickok Model 532A tube tester, f 20
Hickok Model 535 tube tester, g 50
Home brew battery set, kit type, f 25
Lambert cylinder records, (2), e ..... 50 ea.
Meissner metal SW radio, unk 55
Motorola 7-inch Bakelite TV, f 45
Music Master cone speaker, g 35
National TV, model unknown, f 85
Parts, assorted battery radio, box 45
Philco 16 console, g 75
Philco 37-84 cathedral, g 95
Philco 40-110 console, f 50
Philco 41-280 push-button tabletop, f 35
Philco 41-32D Bakelite tabletop, g 65
Philco console, model unknown, vg 105
Philco Predicta TV, 19-inch, f 300
Precision military tube tester, g 45
QST magazine, 1920, f 10
Radiola 100A drum speaker, p 15
RCA mantel speaker, f 25
RCA Model 50, g 50
RCA R3 tombstone, vg 165
RCA RC449 tabletop, f 7.50
Remco crystal radio station, ca. 1950s, g 10
Resistor bridge, e 20
Rider Volume 13 10
Rider Volume 11 10
Sams Photofacts in file cabinet 35
Sencore digital frequency counter, e 100
Sparton tombstone, model unknown, f 65
Stewart-Warner console, g 70
Stromberg-Carlson 325N, g 110
Supreme signal generator, f 20
Supreme signal generator, unk 25
Supreme voltmeter 15
Sylvania lighted TV sign, e 85
Temple drum speaker, p 7.50
Tubes, blue Arcturus Type 127, (6) ..... 10 ea.
Universal speaker test kit, g 25
Wilcox-Gay recording head 2
Zenith 10-102 tabletop, f 20
Zenith 807 tombstone, g 65
Zenith Model 7D127, g 110
Zenith SX tombstone, g 120
Zenith Trans-Oceanic with brown case, g 65
Zenith Trans-Oceanic, f 45

(Richard Estes, 6410 Lafayette Rd., Medina, OH 44256)

A warning: *Auction prices are not current values. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.*

Radio Daze '93 Meet and Auction
Bloomington, Minnesota — May 21–22 1993

CONTRIBUTED BY DON HAUFF

The Northland Antique Radio Club (NARC) held its 6th annual Radio Daze meet, cosponsored by the Antique Wireless Association (AWA), on May 21 and 22 in Bloomington, Minnesota. Over 200 attendees made this radio event the most successful ever in Minnesota.

Friday evening, NARC held its consignment auction. Auctioneer and NARC member Ed Ripley offered more than 100 lots for sale, including 25 lots from the Maurice Gillette Estate. Prices for selected items are listed below (some may be buybacks by owners), with a few conditions noted.

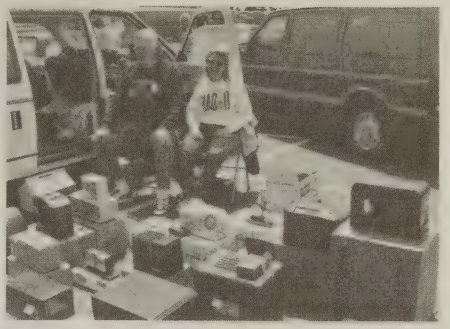
e=excellent, vg=very good

Freed-Eisemann Marvel crystal set, with instructions	$325
Majestic Charlie McCarthy	600
Philco Predicta TV, e	170
Philco Safari TV, vg	200
Radiola II	450
Truetone radio, chrome front	180
Western Electric 13C amp	350
Zenith 9S57, ca.1936, e	370
Zenith radio service neon sign	425

The Saturday morning radio contest included a fine assortment of advertising items, speakers, crystal sets, battery sets, and unusual AC table radios. An Amplion horn speaker, Model AR-23, won the Best of Show award.

Other activities included touring the Pavek Museum of Broadcasting. Here Radio Daze participants were treated to a wonderful display of broadcasting materials, including tubes, phonographs, and televisions, in addition to an excellent radio collection.

The Best of Show Amplion model AR-23 horn speaker is shown with an Art Maché horn and a Burns Electric horn.



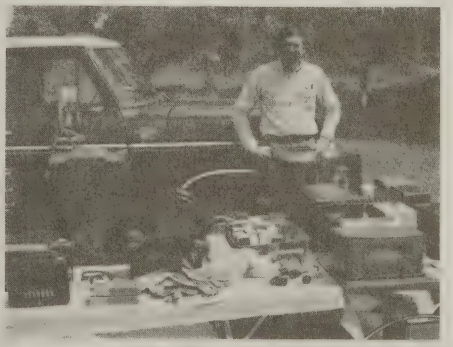
Ed and Irene Ripley displaying their radios in the flea market.

On Saturday afternoon, the Rochester Radio Theatre Guild presented a live reenactment of several old-time radio shows, including The Whistler, Buck Rogers, and Dr. I.Q. A crowd of nearly 100 thoroughly enjoyed the production by this very professional group.

Plans are underway for Radio Daze '94 with tentative dates set for May 20-21, 1994.

(Don Hauff, P.O. Box 16351, Minneapolis, MN 55416)

The Northland Antique Radio Club (NARC) holds about 6 meets and 2 swap meets a year. NARC dues are $10 and "The NARC Newsletter" is published 6 times a year. For more information, write to NARC, P.O. Box 18362, Minneapolis, MN 55418.



Flea market seller Greg Farmer displays his radios, as well as a notable assortment of radio fans.

BY PAUL JOSEPH BOURBIN, 25 GREENVIEW CT., SAN FRANCISCO, CA 94131

Everyman's Test Equipment

In the 1920s and 1930s, there existed a select group of people dedicated to the belief that it is far better to repair one's own possessions than to pay others to do so. This self-sufficient attitude was probably even stronger then than it is today, for in those days, things were meant to be repaired and components were accessible. Also, there were home experimenters who were sure that they could discover the next breakthrough in radio. Add to this those radio enthusiasts who were too isolated to have easy access to "radio experts," and you have a large group of people who formed a market for inexpensive radio test equipment.

Previous articles in this column ["Readrite Model 550 Service Oscillator," February 1989; "Supreme 385 Automatic Tube Tester and Set Analyzer," August 1988; and "The Hickock 155 Radio Traceometer," November 1990] have dealt with fairly expensive equipment meant for the serious experimenter, semi-professional or professional repairman. This article will illustrate some of the equipment available to the home tinkerer — in other words, to everyman.

WATCH CASE METERS

Probably the simplest and least expensive pieces of test equipment were the "watch case" meters used to test radio batteries, as shown in Figure 1. The sets of the early-to-mid-1920s required an "A" battery which consisted of either a lead-acid storage battery (or, occasionally the more expensive Edison battery), or one or more dry cells to light the tubes' filaments. Rheostats or potentiometers were included in early radio circuits to compensate for the discharge in these batteries. In addition, higher voltage "B" batteries were required for the plate circuits. These were generally dry cell batteries. "C" batteries were needed in the grid circuits of many sets, but these lasted a very long time and gave little trouble because the grid circuit drew no current.

When the batteries began to run down, strange things would begin to happen: volume would decrease, funny noises would be heard, and this always seemed to happen when the set owner had invited his friends over to listen to a radio program.

Of course, the above ailments could also be caused by some component in the set. The owner had the problem of deciding which battery, if any, was running down, or if the set needed to be repaired. Making the wrong decision could result in wasting money and needless lugging of the heavy storage battery (with the risk of spilling acid on the wife's rug) to the local gas station for the inevitable recharge.

The watch case meter consisted of a simple solenoid meter with one or more electrical contacts at the bottom of the case and a single wire or terminal at the top. Many meters could test only one type of battery while some had two or more scales to test both "A" and "B" batteries. Generally, the meter was calibrated as an ammeter for "A" batteries and as a voltmeter for "B" batteries. The meters were accurate enough to give a good indication of the condition of the batteries.

With a little ingenuity, watch case meters could be adapted to make voltage tests in the set itself. Watch case meters, while quite basic, filled a need during the battery set era. Of course, one could also use a hydrometer for testing lead-acid batteries; however, acid spillage was a risk, and one still needed a meter for the dry cell "B" battery.

MULTIRANGE VOLTMETERS AND VOLTMETER-AMMETERS

For those who wanted greater accuracy and more extensive troubleshooting, multirange voltmeters and voltmeter-ammeters, as shown in Figure 2, filled the bill. These meters usually had three or four ranges covering the "A" and low "C"

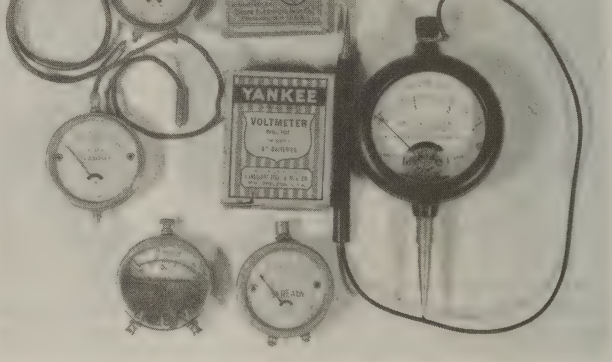


Figure 1. Typical watch case meters of the 1920s.

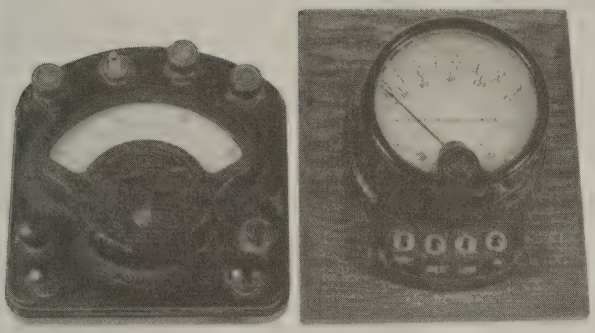


Figure 2. Typical multirange voltmeter and voltmeter-ammeters used by radio repairmen.

range, a high "C" and low "B" range, and a high "B" range in various combinations. As we have shown in a previous article — "The Supreme Series Diagnometers" [A.R.C. September 1990] — any DC voltmeter can be calibrated as an ohmmeter and used to test for continuity and to measure resistance. With one of these meters, a battery (for resistance checks), and a set of test leads, fairly sophisticated troubleshooting could be accomplished on early sets. Of course, when AC sets came into vogue, the novice would then have to get an AC voltmeter.

THE GALVANOMETER

A meter many experimenters had in their laboratories was the galvanometer, as shown in Figure 3, which could be pressed into radio service. It could be adapted for use as a millivoltmeter, microammeter, voltmeter, ammeter, ohmmeter and polarity indicator. With the correct multipliers and shunts, it could be used for most radio work. Galvonometers are very sensitive and accurate, but are much less rugged than regular meters.

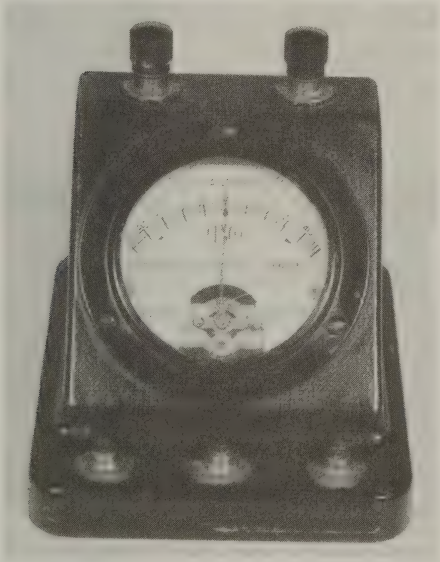


Figure 3. A laboratory galvanometer.

TUBE TESTERS

The above instruments permitted a fairly wide range of troubleshooting by the home tinkerer, but there was one component that they could not test — tubes. True, the filament could be checked for continuity, but that was only one of many possible problems. Quality control and consistency were not always perfect. This was especially true for the inexpensive, bootleg brands. Often the big manufacturers would sell their seconds to other companies. I have some 01-A's that say Airline that look just like DeForest tubes. The person trying to save a dollar on repairs would also be attracted to cut-rate tubes.

The Supreme Model 40 tube checker, shown in Figure 4, was probably about the most valuable piece of equipment an avid experimenter could wish for. But, even it was too expensive for most home use.

A clever home type of tube tester is the Sterling Type R-411 home tube tester, shown in Figure 5. Since a large part of the expense of a tube tester is that of the power supply, Sterling kept the price down by using the set's power to operate the tester. The analyzer-type plug was inserted into the tube socket of the set and the tube placed into the tube tester. The set's rheostat would be adjusted so that the pointer would point to the line on the meter face. The test button was then pushed and the tube's quality noted. While limited in the types of tubes it could test, the Sterling Type R-411 served a useful purpose in the early days of radio.

For a little more money, one could buy a tube reactivator or rejuvenator. Such a device could be used to both test and rejuvenate tubes. These devices had a meter for testing the emission of a tube to see if it was a candidate for rejuvenation and then to see if the rejuvenation was successful. Often one could bring a tube that had been "paralyzed" by too high a filament voltage back to usefulness and thus save the price of a new tube. For more on tube rejuvenation, see my previous article on tube rejuvenators in the April 1990 issue of A.R.C.

It seems that tube testing by set owners remained popular throughout the tube era. When the proliferation of tube-types made inexpensive home testers impossible, the focus turned to do-it-yourself tube testers in drugstores, grocery stores and other nonelectronic locations. When these testers first appeared, there was quite a bit of controversy in the radio service magazines about the threat of these machines to the radio

(Continued on following page)

service business. Some repairmen thought store tube testers would ruin their businesses and some thought they should be banned. Others were glad to be rid of the bother of testing customers' tubes.

Still others thought that the machines were not very good anyway, and that people would return to radio shops. These repairmen reasoned that customers would turn to them for repairs when they found out it was not a tube that was causing trouble in a radio or TV.

On the other hand, many of the general public did not trust radio shops when it came to repairs, especially for tube replacement. This distrust might have stemmed from the fact that a worn out tube looks to the layman exactly the same as a good one, or from the influence of articles by tube manufacturers in many magazines telling consumers to change their tubes often "for the best performance."

VARIOUS HOME TESTERS

The home tube tester returned when series strung miniature tubes became popular. Filament failure became the major cause of tube failure rather than low emission or mutual conductance.

The home tube and appliance testers that again came on the market were both AC and battery-operated and usually had four or five test sockets. They tested 9- and 11-pin miniatures, loctals and octals for filament continuity. Some also had an attachment for TV picture tubes and leads for continuity testing in electric circuits. Again, the do-it-yourselfer could test his tubes and often get his radio or even his TV working again.

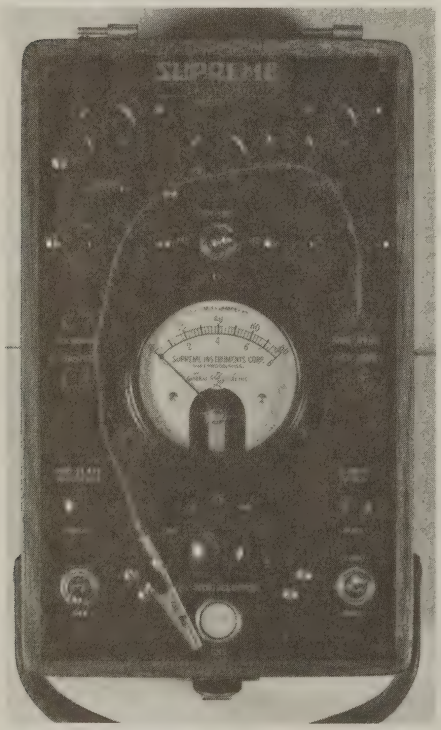


Figure 4. The Supreme Model 40 tube checker.

Ingenuity has often provided inexpensive ways to perform tests. A battery, light bulb and some wire can be made into a continuity checker. A piece of platinum wire, some wood, a stiff piece of wire, and a spring can be made into a hot-wire ammeter for measuring RF currents in transmitters.

An ohmmeter can be used to provide a relative indication of an electrolytic capacitor's condition by watching for the meter "kick" produced when the meter's test leads are connected across a discharged capacitor. If the meter's needle does not move and reads "infinity," it indicates that the capacitor is open. Otherwise, the needle should move to a fairly low resistance value and slowly rise as the capacitor is charged by the meter's battery. If the meter remains at a low resistance value, the capacitor is either shorted or leaky. A good capacitor will produce a high resistance reading.

A paper capacitor can be tested by charging it with a battery and then putting the tips of a set of headphones across it. You should hear a click. If not, the capacitor is bad. Repeat the test. Wait a bit, and when you put the headphones across the capacitor, the click should sound about as loud as it did the first time. If it is quieter, then the capacitor is leaky. These capacitor tests are best if the capacitor is isolated from the circuit and the battery voltage approximates the voltage of the circuit.

Another inexpensive tester that came into existence during the end of the tube era is the "mosquito." This broadband radio frequency and audio frequency signal injector is in the shape of a penlight flashlight with a probe where the light bulb would be. This tester is useful in isolating faults to a particular stage of a radio. In typical use, the probe is first touched to the grid terminal of the audio output tube. If the audio output stage is all right, then a tone is heard in the speaker. The mosquito probe is then moved to previous stages until the tester's tone is no longer heard, and the trouble is isolated to a particular circuit. While not as good as a signal tracer or signal generator, the mosquito probe is quick and cheap.

A transistor radio tuned to the high end of the AM band can be used to listen for the horizontal oscillator in many TV sets. You will hear the buzz.

These are but a few of the tricks home repairmen used to test electronic equipment without spending a lot of money. And let's not forget that secondhand test equipment has been around about as long as test equipment.

Of course, all of the equipment in the world is useless if one does not know what he is doing. Many inexpensive books were available to help the do-it-yourselfer. While some promised more than they could deliver, others gave good, basic information that would permit the average person to make simple tests and repairs. For example, Hugo Gernsback's Consrad Co. published an *Experimenter's Library Series* that included much useful information, including a book on trouble-shooting. The books cost only 25 cents.

The tradition of home repair continued right through the tube TV era with books like the *Fix-It-Yourself Television Manual* and the *TV Owner's Self-Repair Book* which claimed that you could repair 75 percent of your TV troubles by reading

the text, matching the pictures with what was happening on your screen, and following the repair instructions. Today, publications like TAB Books print books that tell you how to repair almost anything with a linecord or batteries, even antique radios!

There have always been a lot of companies willing to supply the do-it-yourselfer with all of the material he needs (or thinks he needs). One often wonders how many successful repairs were made and how many sets went to the repairman to be fixed after they had been "repaired."

That's it for now; please feel free to write to me anytime about test equipment.

(Paul Joseph Bourbin, 25 Greenview Ct., San Francisco, CA 94131)

© 1993 Paul J. Bourbin

Paul Bourbin's interest in test equipment started with finding an old Supreme tube tester in a secondhand store long before he knew that there were other collectors out there. His collection spans the time from wireless to the transistor radio and consists largely of radios that he has saved from the junk heap and brought back to life. Currently chairman of the board of the California Historical Radio Society, he writes for various old radio publications.

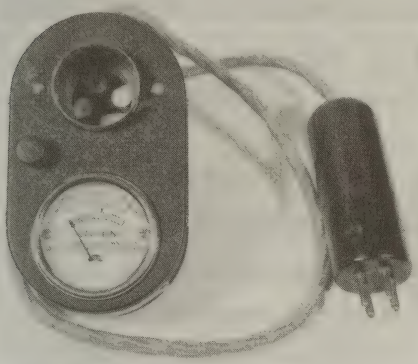


Figure 5. The Sterling Type R-411 home tube tester.

Suggestions for Shipping Radios

BY KEN BURTON

Today, with the popularity of periodicals like *Antique Radio Classified,* many radio sales and trades are conducted through the mails. Sadly, many collectors are unaware or negligent of the minimum shipping procedures necessary to lessening damage.

The following are suggestions on some simple procedures to follow when shipping a radio:

1. Represent what you are offering fairly. Note any cracks, chips, or other cosmetic flaws. I keep a record of these imperfections and routinely, secretly, mark the case or chassis to identify the exact radio in case of return.

2. If possible, very carefully pack the inside of the case with paper to assure that tubes remain tight and in place. In the case of a radio such as a tombstone with a large area of space, remove the tubes and pack and/or ship them separately. Don't forget to include a diagram to show which tube goes where.

3. Remove any loose knobs and place them in a sandwich bag. Place the bag where it will be easily found. Secure a piece of cardboard over any dial glass or other extremely fragile parts.

4. Waterproof your radio. Your mint wood set may sit out in the rain somewhere in transit or on a porch — waterproof it! This is easily done by wrapping the radio in a large plastic garbage bag. Be advised that shipping from 95°F California to 30°F Minneapolis may result in condensation within the plastic that is as dangerous to your set as sitting in the rain. Use your own judgment here.

5. Use bubble wrap wherever possible. It was made expressly for protection during shipping, so use it. Bubble wrap the radio prior to putting it in the box.

6. Always place your radio in a box within another box. A word of advice here. It does no good to double box if there is a lot of play inside. Your box should have no more than a 2-inch space between the inner and outer box — length, width and height. One of the secrets of good shipping is that your package must be tight. Therefore, your radio should be packed tightly into its box and then packed tightly into the outer box. Less movement within the box will mean less possibility of damage.

7. I firmly believe that everyone likes to ship with styrofoam "popcorn," but I don't know of anyone who likes to receive it. Experience shows that wadded up newspaper works just as well. Padding should be placed in the first box with the radio and, naturally, between the inner and outer box.

8. Secure both the inner and outer box with strapping tape to prevent opening. Also, use paper package tape to seal any seams or corners where moisture may enter. Label the box with "Fragile" and "This Side Up" labels.

9. Finally, inspect your packing job. Check to see that there are no openings in the box, no exposed sticky side of tape, or any other thing on the outside of the box that could snag on machinery or result in mishandling.

To some, these suggestions may be extreme or result in additional expense. Add the expense to your sale price. "An ounce of prevention is worth a pound of cure." Ask anyone who has had to make a claim against a shipping agency.

(Ken Burton, 399 So. San Antonio Rd., Los Altos, CA 94022)

Ken Burton is a funeral director who enjoys bringing dead radios back to life. He lives with his two Dachshunds Crosley and Fada, and he teaches judo when he's not cruising for radios.

The House Wiring Antenna

BY DWANE STEVENS

While seaching for information about antennas for 1920s battery radio sets, I ran across an interesting suggestion on page 1425 in the April 1924 issue of *Radio News.* The article was entitled "Employing The House Lighting Circuit for an Aerial." I knew that this idea has been used on more modern AC tube sets and even on some transistorized table sets by making use of the sets' AC power cords. I did not realize, however, that the idea was in use in the early 1920s, but I suppose someone hit upon it as soon as homes began to be electrified.

The technique is quite simple and uses your existing house wiring as an antenna. This is accomplished by merely wrapping an insulated wire around a lamp cord or an extension cord, and then attaching one end of it to the antenna binding post of your receiving set. Figure 1 shows a typical arrangement. **[Safety Warning: Do not connect the insulated wire to either of the lamp cord wires or to the AC plug terminals!]**

This third wire forms a capacitor, with the plastic insulation forming a dielectric and the wires in close proximity serving as the plates of the capacitor. This couples the RF energy captured by all your house wiring into the antenna tuning circuit of the radio.

I found that #20 gauge insulated wire wrapped for about 3 feet along the lamp cord with 1-inch spacing between wraps works quite well. The coupling effect can be increased or decreased readily by using more or less wire around the cord. I suspect your house wiring arrangement will make a difference also, so you may want to experiment. This arrangement works fine on my AK 33, even without a ground connection.

You will notice some differences with this antenna as opposed to a loop or an outdoor long wire. A small loop has less gain than either the "house wiring antenna" or the outdoor long wire, but it is highly directional. This can be desirable when trying to separate two distant stations on the same frequency, provided they are not in the same direction from your location. The signal level of the "house wiring antenna" can approach that of the outdoor long wire, but the disadvantage is increased line disturbances created within the house, as is the case when my wife operates her sewing machine.

Some manufacturing companies did capitalize on the "house wiring antenna" idea by producing simple light socket adapters which coupled the RF from the house wiring to the radio in a way similar to the homemade one described above. Companies such as Charles Freshman with the "Antenella" and Dubilier with the "Dubili-

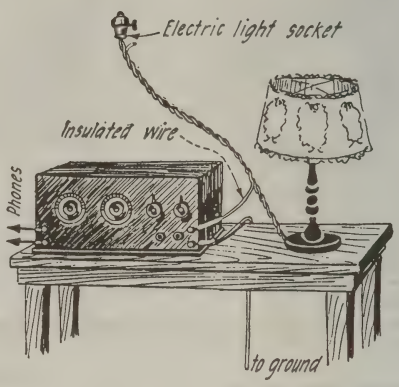


Figure 1. Illustration of House Wiring Antenna from "Radio News," April 1924, p. 1437.

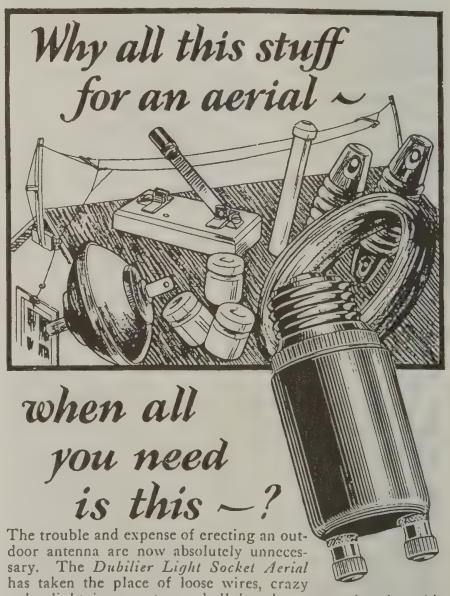

Why all this stuff for an aerial ~
when all you need is this ~?
The trouble and expense of erecting an outdoor antenna are now absolutely unnecessary. The Dubilier Light Socket Aerial has taken the place of loose wires, crazy poles, lightning arresters and all the other accessories of an old-fashioned antenna. Full volume is guaranteed. So is clarity and distance. You'll find, too, that this remarkable device greatly reduces both static and interference. Convince yourself without risk—all dealers sell the Dubilier Light Socket Aerial on a 5-day money-back basis. Price $1.50.

Figure 2. Advertisement of Dubilier Light Socket Aerial from "Radio News," October 1927, p. 393.

er Light Socket Aerial" apparently used a fixed capacitor for coupling.

Figure 2 shows an advertisement for the Dubilier adapter. I would enjoy hearing about the performance of these adapters from an A.R.C. reader who may have one. **[Safety Warning: Before trying one of these devices, make sure that there is not a short between the binding posts and the AC plug terminals!]**

So if, like me, you enjoy experimenting with those old battery sets, I think you will enjoy trying the "house wiring antenna."

References:
Radio News, April 1924, pp. 1425, 1437.
Radio News, October 1927, p. 393.

(Dwane Stevens, KC5MT, Rt. 3, Box 25A, Ardmore, OK 73401-9803)

Dwane Stevens, an amateur radio operator for 15 years, holds an Advanced Class license, while his wife and daughter hold Technician Class licenses. New to vintage radio collecting, Dwane enjoys repairing and restoring pre-1940 radios and collecting tubes, repair manuals and magazines.

The J.H. Bunnell Company Is Alive and Well

COMPILED FROM INFORMATION SUPPLIED BY MATTHEW JACOBS

A.R.C.'s May 1993 cover and lead article by Ronald L. Oberholtzer featured the Bunnell Catalog, perhaps the most complete list and description of the latest significant developments in communications technology and supplies in the early 1900s. Ironically, the article had just gone to press when we received a letter from Matthew Jacobs, president of MNJ Industrials in Kings Park, New York, whose family acquired the J.H. Bunnell Co. in the early 1950s.

Mr. Jacobs had enclosed pictures of a Bunnell key and sounder for our *Telegraph Review* section, not realizing how timely his contribution was. His notes on the company prompted us to ask for more information.

In a later letter, Mr. Jacobs tells us that the Bunnell Company has been in continuous operation ever since it was incorporated in 1873. It is now a subdivision of MNJ Industrials.

The company was founded by Jesse Bunnell, one of Abraham Lincoln's personal telegraphers during the Civil War. In the early 1890s, the Bunnell Catalog offered fully functional miniature keys and sounders like those shown in Figure 1. Note that their size, compared to the penny in the photo, was such that the keys and sounders were also available as watch fobs and tie tacks. Their application seems almost unlimited, as they were sold as keys on base (KOB), lineman's accessories, spy equipment, and even as private listening devices, with the sounder mounted inside an ear cup.

A limited supply of original parts for some of the more popular Bunnell keys and sounders is still available from MNJ Industrials at the address below. The company is currently planning to produce a special, centennial, limited edition of the miniature key and sounder. Other classic Bunnell models may be reissued in the future.

(Matthew Jacobs, MNJ Industrials, 80 Locust Dr., Kings Park, NY 11754)

1919 "Bunnel" Catalog

Paul M. Cornell of Chesterland, Ohio, also found A.R.C.'s May 1993 cover interesting. He has a complete copy of Catalog No. 41, dated November 1, 1919. An intriguing aside is that the name on the order blank accompanying this catalog is spelled with only one "l" — Bunnel — unlike the double "l" spelling in our 1922 catalog and in the company seal on the MNJ Industrials' letterhead. This kind of typo may have the makings of a collector's item. Cornell's fascination with the Bunnell Catalog stems from his interest in vacuum tubes, which started in 1930 when he acquired his first ham license.

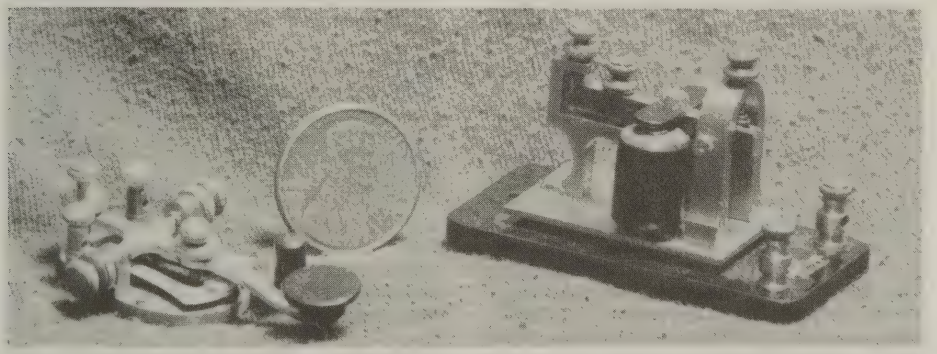
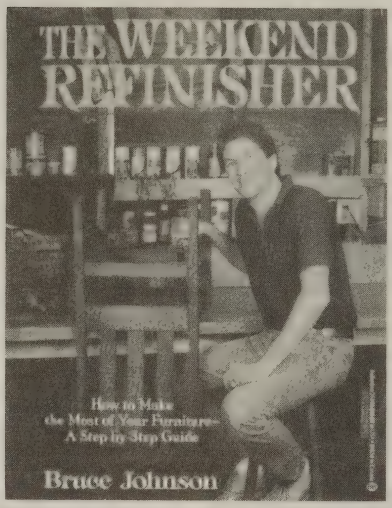


Figure 1. A Bunnell Catalog miniature key and sounder compared in size to a penny.

BOOK REVIEW

The Weekend Refinisher
By Bruce Johnson

REVIEWED BY HOWARD W. STONE



Bruce Johnson's book *The Weekend Refinisher* is the most useful book I have found among the many I have read on furniture refinishing. In fact, it is so good that editor John Terrey did not even have to ask me to review it — I suggested a review for A.R.C. because I thought other radio collectors would benefit from it.

The history of my search for just such a book on this subject is a long one. A couple of years after I had started collecting radios, I entered a local vintage radio club contest. My entry was a Grebe Synchrophase, which I had restored. Two other Grebes and several other 5-tube TRFs were entered. I thought my Grebe was the best looking of the three, so when awards were handed out and I didn't get one, I was surprised.

Several days later, during which I alternated between kicking myself and blaming the judges, I decided to write to the head judge, a longtime expert from another part of the country, and ask why my Grebe hadn't won. Fortunately, he was willing to take the time to tell me precisely why. The finish, though beautiful, was not authentic and was not typical of the time the Grebe had been made. He also told me exactly how I should have treated the finish to make it look more like the original.

Ever since that first experience with the Grebe, I have read many books on furniture refinishing and have been somewhat dissatisfied with most of them. Some just describe the old way furniture was finished (not refinished) and require hard-to-find materials, as well as time-consuming and cumbersome methods. At the other end of the spectrum are books that describe *modern* finishing methods that do not result in an authentic look to old radios.

At last, *The Weekend Refinisher* is here to tell us how to do the job right. This book is useful for a number of reasons. First, it is clearly and simply written; that is, it is very user-friendly. It answers many of the questions a radio collector (not a full-time furniture refinisher) would ask about restoring the finish of old sets.

Second, it gives alternative ways to deal with refinishing problems. It doesn't suggest just one way, but lists a variety of methods and gives pros and cons for each. Often, it describes traditional ways in which wood was finished, as well as contemporary methods.

Third, the book gives step-by-step instructions for each task. It also provides a materials list required for each step.

Fourth, *The Weekend Refinisher* describes most of the common problems that arise with old finishes, such as alligatoring, black ring stains, white rings, and so forth. It then explains how to resolve each of these problems.

Fifth, Johnson describes tests that can be used to determine the type of old finish already on a radio. To some this may seem obvious, but I didn't know how to do it. Determining the type of original finish on a piece is important because it helps to establish what type of restoration techniques need to be used.

Sixth, the book discusses saving old finishes, rather than using the "strip and refinish" method employed by so many people in the 1950s and 1960s, and even today.

Johnson also provides a number of recipes or formulas for refinishing materials. The recipes, many of which call for common household materials, include brass cleaners, furniture cleaners, finish revivers, leather dressings, milk paint, and the like. Finally, Johnson lists names and addresses of suppliers of refinishing materials that can't be procured locally.

What *didn't* I like about the book? Actually not much. At times Johnson seems more willing to strip and refinish than I would be, but it must be said that his approach in discussing the topic is very balanced.

I highly recommend *The Weekend Refinisher* to readers of A.R.C. Published by Ballantine Books, New York, it has 296 pages and is printed in softcover in an illustrated 7" x 9" format. Priced at $10, it is available from the publisher, A.R.C., and other A.R.C. advertisers.

(Howard W. Stone, HCR-3, Box 418, Deer River, MN 56636)

WANTED: The juvenile fiction book, Radio Boys with the Air Patrol by Breckenridge. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

WANTED: Pocket model transistor radios, Japanese or American. Write to: Roger Handy, PO Box 24527, Los Angeles, CA 90024. (310) 451-4040

FOR SALE: Raytheon Sub-Miniature Tube Catalog, '52-'56, reprint, 142 pages – $25 ppd. Gary Micanek, 226 Henry Ave., Manchester, MO 63011

FOR SALE: Vintage parts, U.S.A. only. B-E since 1954. Send stamp and request vintage flyer. Bigelow Electronics, PO Box 125, Bluffton, OH 45817

WANTED: Cabinet, Farnsworth AT-12 or AT-15. Chassis, RCA R-22-S or GE L-50. James A. Di Ruzza, 2607 Old Troy Pike, Dayton, OH 45404

WANTED: Catalogues, advertising and texts for pre-1940 electricity, science and vacuum. Ed Graper, 5960 Mandarin Ave., Goleta, CA 93117. (805) 964-7117

FOR SALE: Pair of AR-3A speakers, mint condition walnut wood – $190 + shipping. Samuel Zuckerberg, 578 Fifth Ave., New York, NY 10036. (212) 354-7407

FOR SALE: Hallicrafters S-38C; code keys, flameproof, J-37, 38, 45, etc. 8-page list – $1 plus SASE. Dr. Joe Jacobs, 60 Seaview Ter., Northport, NY 11768. (516) 261-1576

WANTED: Old FM band, General Electric GM 125. Michael Mullis, 122 Lakeview Cir., Lancaster, SC 29720. (803) 285-6233, after 8 pm

WANTED: Emerson Midgets 31; 35 (Blast, p. 110); 38 (Bunis #1); 45, 49, 71 (Blast, p. 150), gems or junkers. Curt Schreiber, 3923 East Latoka St., Springfield, MO 65809. (417) 887-5184

FOR SALE: AK 44; Chelsea Super 5; Browning Drake 5-R, American Bosch 5. List avail. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459

WANTED: Ensall Radio Laboratory; Warren, Oh., radios, equipment, paper documentation. George A. Freeman, WIKI, 102 E. Main St., Madison, IN 47250. (812) 265-6878

WANTED: Antique demonstration, scientific apparatus. Electrical and optical. Early microscopes. Allan Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628

FOR SALE: Send $3 to receive our latest 40+ page catalog of rare 78 rpm records, cylinders and related items. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389-3643

FOR SALE: Farnsworth GT-065 – $45; GE-H51 – $235; GE-L740 – $55; Lafayette A81 – $100; Philco 37-623 – $75; Philco 38-12, (2) – $45 ea.; Philco 41-608 – $150; Philco 46-1201 – $55; Silvertone 4403 – $45; Silvertone 7025 – $70; Zenith H615Z – $25. Geoff Shearer, 13115 Rounding Run Cir., Herndon, VA 22071. (703) 860-1617

FOR SALE: Western Electric 7A amplifier – $350, 2A current supply set – $250, both with tubes. Radiola Type RT antenna coupler – $275, Type AR RF amplifier – $275, Westinghouse Type DA – $225, Type RA – $225, all in vgc to excellent or will trade for pocket transistor or hybrid radios from the 1950's. J. H. Bunnell and Co. Model 3A ticker tape – $3,200. Jim Weil, 15915 Armada Center, Armada, MI 48005-2203. (313) 784-9860

FOR SALE: Synchronous detector for 455 kHz IF receivers. Dramatically improves AM; reduces fading distortion, selectable sideband cuts interference. Kit – $139. Built/tested – $199. Info – $3. Steve Johnston, PO Box 3420, York, PA 17402-0420

A.R.C. Advertising Policy
Sellers and Buyers, Please Note!
Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisified, and to comply with a buyer refund request on unaltered returned items.

WANTED: Restorable 1920's battery set, mid to low price range. Chester Johnson, PO Box 883, Cedar Park, TX 78613

FOR SALE: Guild 556 Country Belle (telephone/radio) – $65. Zenith 6-S-229 – $155. Zenith Y615G – $45. Admiral 5A33 – $35. RCA RGG25B – $25. Sylvania 1526 – $25. Emerson 849 – $55. Sony TR-650 – $35. Philco NT-802BKG – $35. Channel Master 6528 – $35. Zenith Royal 500H – $60. **WANTED:** Tube hi-fi equipment & spkrs. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

FOR SALE: Fada 1000, yellow; Zenith 15U269. Matt Kurzdorfer, 107 Falconer St., North Tonawanda, NY 14120-6108. (716) 695-0036, fax 7:30 til noon

WANTED: 1927 Erla chassis S-50, C-12 battery model, 1926 Stewart-Warner chassis Model 325. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821

FOR SALE: Industrial, scientific,and electronic test equipment. LSASE. We are open Sat. and Sun. by appointment only. Mathew W. Lineberger, Matty's Radio Shop, 295 Grove St., Providence, RI 02909

FOR SALE: Western Electric tubes for sale: (9) 416 B (gold color), (9) 417A, (1) 403B, (3) 404A, (1) 397 A, (5) 329 A, (1) 310 A, (1) 328A, (1) 421A, (1) 275A. All used in excellent condition, most in the original packages. Many other tubes (2000) available. (200) Signal Corp. tubes CNU 7193, 1943 in original packages, brand new never used. Please make an offer. RGB Enterprises, PO Box 5361, Old Bridge, NJ 08857. Tel.: (908) 679-8026; Fax: (908) 679-8524

FOR SALE: Broadcast microphones: (1) turner with base, (1) 1940 Amprite. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: RCA 44BX microphone – $750 plus shipping. Jeff Williams, 201 East 62nd St., Apt. 8C, New York, NY 10021. (212) 754-5865

WANTED: Motorola Catalin radios, in any condition. Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

WANTED: Handcrank phonograph price guide, current or old. John OBriant, 3439 Clearwater, Bettendorf, IA 52722. (319) 332-7749

FOR SALE: Small tube portables: RCA 54BC, 1947, red, small chip, flip top – $40. RCA B411, good, no chips – $40. Motorola 55 MZU V9, rotor handle – $35. Plus shipping. All play. Doris Roberts, HC63, Box 236-1, Clinton, AR 72031. (501) 745-6690

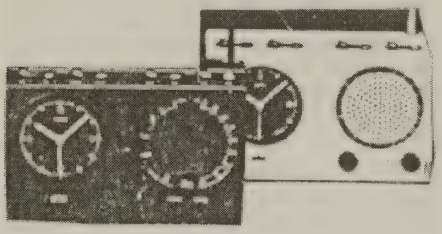
FOR SALE: Twelve different Beitman TV Schematic books 1950-1959 – $25. UPS extra. John Schehrer, 508 Gray, Joplin, MO 64801. (417) 781-4028

WANTED: Hallicrafters SX28 or SX28A, very good to excellent, with cabinet and correct knobs. Prefer non military. Will pay fair price. Dick Igou, 8435 Twisted Oaks, Garden Ridge, TX 78266. (210) 651-9049

WANTED: Owners manual for Stewart-Warner Model 9104A TV AM/FM receiver. Joe Luchese, 232 Ayrault Rd., Fairport, NY 14450. (716) 242-9475

FOR SALE: Transistor pocket, portable, table and tube table radios, 1959 to 1980s. Send SASE. Chuck Vaccaro, 708 Booth Ln., #J2, Ambler, PA 19002. (215) 646-3641

FOR SALE: Amplion AR19 replica rubber neck washers, will fit other same size horns with metal drivers – $18 pd. Will be coming out with the Bell washers later in the year. **WANTED:** Winchester radios, table models and floor models, shipping no problem, will pick up. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207



WANTED: Braun ABR21 clock/radio sold between 1978-1984?. Dark and light sets desired. Responses from Europe encouraged. Bob Lauritsen, 33195 Case St., Lake Elsinore, CA 92530, U.S.A. (909) 678-5927

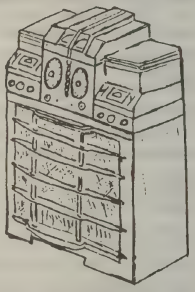
FOR SALE: Avon bottle shaped radio – $15. Music box cathedral – $50. Radio/clock/timer Ultronic, new AM/FM – $20. 45 rpm player – $65. Zenith black dial #4F-227 – $65. AM portable radio antenna booster, new – $20. All sold as is. Buyer assumes all responsibility. Plus UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

WANTED: Feet for the National NC-200 receiver and speaker. James T. Schliestett, W4IMQ, PO Box 93, Cedartown, GA 30125. Tel/fax (404) 748-5968

WANTED: Parts for an Emerson U-5A: dial, dial indicator, dial glass. Back (walnut color). Al Klimas, 2610 Military Rd., Cross Plain, WI 53528. (608) 798-1274

FOR SALE: Out-of-print reference book, Marty's Illustrated History of Phonograph, full color, mint – $65. Jimmy K. Chan, 1265 Kendall Dr., #3521, San Bernardino, CA 92407

FOR SALE: 1934 RCA 211, lowboy, globe dial, plays, good condition, pickup preferred – $65. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711



WANTED: Hallicrafters radio pictured. Cash or trade. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

FOR SALE/TRADE: Kadette Jr., pocket 2-tube, 1932, brown Bakelite for high-end transistor or $200. David Mednick, 1450 Palisade Ave., #5-H, Fort Lee, NJ 07024. (201) 461-3082

FOR SALE: Channel Master 6506, red, plays, small chip near cover, leather case ratty – $20 ppd. A. T. Shost, 1307 Maple Ln., Sedalia, MO 65301. (816) 827-2655

WANTED: E.H. Scott AM Phantom in a Braemar cabinet with excellent chrome. Also a 1921 Westinghouse TF amateur transmitter. Mike Ceklovsky, 3116 Smoky Ct., Sacramento, CA 95826. (916) 363-3211

FOR SALE: Wheatstone high-speed telegraph transmitter (shown on p. 23 in May issue A.R.C.) – Offers invited. Ragnar Otterstad, Hosterkobvej 10, DK-3460 Birkerod, Denmark. Tel. 011-45-42 81 52 05

WANTED: Grebe and early Crosley radios, amps, parts. WE horn parts and microphones. **FOR SALE:** AK 33 – $90. Frank Hagenbuch, 1440 Lafayette Pkwy., Williamsport, PA 17701. (717) 326-0932

FOR SALE: Electrohome video projector Model No. 38-B02903-60, 120 volts AC, 60 cy., very good condition – $150 plus UPS. Phil Weingarten, 67-61 Alderton St., Rego Park, NY 11374. (178) 896-3545

FOR SALE: Motorola wood tt HS-32; plastic tt Sylvania 519; GE 518-F white plastic; GE 10A brown plastic; tape recorder Wollensak T-1515; Army multichannel receiver R-278; Jeep radio PP112-GR; Navy navigation device, many odd test units, teletype boxes. For list and photos send large SASE and a buck to help offset Xerox costs to: John Strattan, 701 Waterson Trl., Middletown, KY 40243-185

WANTED: (2) National, or equivalent, vernier dials and 10,000 ohm magnetic headphones. Frank Roberts, 6713 Cumberland, Fort Worth, TX 76116

FOR SALE: Sherwood S-3000III tube FM stereo tuner – $150. Bogen K15 tube PA – $150. Courier 23+ classic tube chrome CB – $250. Brandes table talker horn – BO. RCA 1BX-57 urea – $35. SASE for new list. Steve Kopp, 1 Inwood St., Ellenville, NY 12428

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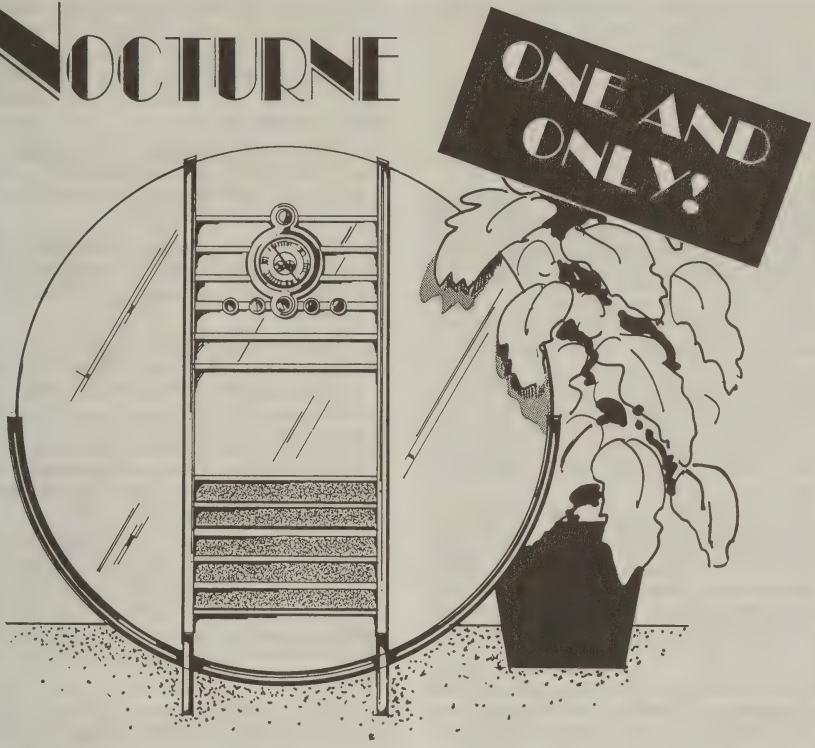

We tried to produce limited edition of 100 sets. Tooling became impossible. Those people who ordered have been notified. That leaves this single, most important model available. Our working French prototype is handmade, has heavy wooden casing and is trimmed with cast metal chrome.

Two powerful speakers boosted by 40 watts per stereo channel with AM/FM reception. Cobalt blue mirror measures 46" diameter and features "Viso-Glo" tuning eye.

$2,500 or best offer...crate & freight not included.

XONEX 750 BETA DRIVE MAYFIELD VILLAGE OH 44143 TEL (216)442-1600

WANTED: Any information on Amrad and Carlton radios. Also, information on the Continental piano radio found in Collins. Escutcheon for Philco 60. Thanks in advance. Geoff Shearer, 13115 Rounding Run Cir., Herndon, VA 22071. (703) 860-1617

FOR TRADE: TR1's, TR63's, H.W. 500's, 888's, Motorolas and many more. **WANTED:** Sony CRF1, CRF230, CRF320A, CRF330K, Panasonic RF9000, ICOM R9000, Drake DSR2, Racal 6790GM. Jim Weil, 15915 Armada Center, Armada, MI 48005-2203. (313) 784-9860

WANTED: Those cute crystal radios of the '50's and '60's. Rocket ships, space saucers and weird wanted most. Lew Magrish, 706 Dumas St., Dallas, TX 75214. (800) 584-0134

FOR SALE: Special sale. Neutrowound tube shields. Top quality reproduction. Were $25, now – $19.95. Plus shipping. Limited supply. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

WANTED: Parts for HRO Model 5A1, need all parts for T-1 (filter), will buy complete radio if T-1 is intact. Also need dial in excellent condition. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (909) 797-1782

WANTED: Outside horn Victor, Edison and Columbia tabletop wind-up phonographs. Need not be working or complete. Also any phonograph related items: needle tins, record dusters, Nipper, RCA Victor advertising. Immediate cash paid. My prices are better. Bernie Seinberg, K3RSW, 801 Sand Wedge Ct., Warrington, PA 18976. (215) 343-7743

WANTED: Radio historian and former editor of Ham Radio Magazine is researching and preserving pre-1958 amateur QSL cards and log books. Don't let our records be lost! Gladly pay all shipping and packing. Douglas Stivison, NR1A, 45 Norman Rd., Upper Montclair, NJ 07043. (201) 509-0585

FOR SALE: New lot Western Union collectibles: metal and wood wall clocks, keys, sounders, relays, stock ticker, telegraph pen register, and much more. Large SASE w/2 stamps for new 12-page list #2-93. **WANTED:** Literature & parts for stock tickers, Edison phonogrqphs, and cylinder records. Bill & Karen Edwards, PO Box 1875, Euless, TX 76039-1875. (817) 267-6393, evenings

WANTED: Philco console radio phonograph record player, pick up arm light beam sensor cell or complete arm. Model 42-1008 Code 122. Elmer Mueller, 9815 Surrey Ln., St Louis, MO 63137

WANTED: 1-2 gang 360-420 pF variable capacitors. Iron core IF transformers. Dave Dameron, KG6BP, 819 Boundary Pl., Manhattan Beach, CA 90266-6621. (310) 318-5311

FOR SALE: Pioneer stereo amplifiers SX750 and SC828, walnut cabinets, good condition – $160 each or both for $290. Allow $20 for shipping, very heavy. Husky power output with AM/FM tuner. Maurer Television, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: (Previously advertized) used radio/TV tubes, Sams Photofacts, speakers. Send $1 for list. Ron Hoch, 564 Liberty Ln., Westerville, OH 43081

WANTED: Aphex Model-B. WZ-540AW/560 AW/518. WZ-205D/F. All horn speakers. Top price. **FOR SALE:** State-of-the-art Tango output transformers, all new and pair: XE60-3.5 (60W, 3.5K), FW50-5 (50W, 5K), X3.5S (40W, single 3.5K), FW50-3.5S (30W, single 3.5K). K. Shishido, Higashi 3-21-6, Yachiyodai, Yachiyoshi, Chiba 276, Japan

FOR SALE: 1950's televisions. DuMont, RCA, GE, Crosley, Motorola, Silvertone, Admiral and what appears to be a kit TV of unknown origin. Call or write for complete information. Al Anderson, 510 Park Ave., Mechanicville, NY 12118. (518) 664-6846

WANTED
Top Prices Paid

Radio & Audio Tubes: 2A3, 45's, 50's, 845, 8005, KT66/88, etc.
Western Electric Tubes: 101, 102, 104, 203, 305, 211, 212, 242, 244, 252, 262, 264, 271, 274, 275, 276, 284, 285, 300, 301, 310, 339, 345, 347, 348, 349, 350, 421, 422, VT25A, VT52, etc.
W.E. Speakers & Tweeters: 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.
W.E. Consoles & Amps: 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.
W.E. Horns: 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.
W.E. Microphones & Parts, etc.

Also looking for:

Tube-type equipment by McIntosh, Marantz, Westrex, ARC, Leak, Quad, Langevin, Altec, Telefunken, Siemens, Neuman, etc.

Vintage speakers, units, by Tannoy, Jensen, Altec, JBL, EV, Telefunken, Siemens, etc.

Audio City USA, PO Box 802, Northridge, CA 91328-0802
(818) 701-5633

FOR SALE: Fada Catalin 652 temple, butterscotch, beautiful perfect condition, original owner – $600. Please call before 9 pm. Jeff Larsen, RR 1, Box 227, Sioux City, IA 51108. (712) 239-5516

WANTED: Power supply NCX-A or AC-200, made by National Radio Co. James Moors, 6157 Carpenter Ave., North Hollywood, CA 91606

HAS YOUR SUBSCRIPTION

EXPIRED?

It has if your mailing label reads "EXP=JUL93" or earlier.

Renew now!

*BONUS: Renew **before** your "EXP" month and receive 13 issues per year instead of 12!*

Renewal rates are:
$29.95 for Second-Class Mailing
$44.95 for First-Class Mailing
(Two-year renewals are twice above rates.)

WANTED: Aeriola Sr., and Radiola III, IIIA chassis to be worked on and 2 ea. Blue 26, 1-80, 1-71, and WD11 Style No. 319533. Floyd Bocox, PO Box 1657, San Pedro, CA 90733. (310) 831-9336

WANTED: Old elec. fans – cash/trade for radios, (Fada 1000 Catalin for Edison fan). Dave Friedlund, 36006 S.W. Bald Peak Rd., Hillsboro, OR 97123. (503) 628-1439

FOR SALE: Many transistor sets; Zenith 500 hand wired, novelty Audition radio & slide viewer shaped like a small television, screen size 1 3/4" x 1 3/8", Germanium crystal sets; Bronson world's smallest boxed Miniman rocket, mint, boxed. **WANTED:** Kusan electric trains. Robert Rogers, 1407 Riverside Rd., Old Hickory, TN 37138. (615) 847-2475, 6 pm CST

WANTED: Car radio for a 1939 and a 1949 Plymouth. Thank you. Call me collect at (206) 465-2662. Charles Lehman, 1975 Pillar Rock Rd., Rosburg, WA 98643

WANTED: RCA Model 45-J-2, 45 rpm record changer. Michael Weber, 815 9th, Lacon, IL 61540. (309) 246-8683

FOR SALE: High voltage diodes, resistors, discs, axials, mylars. LSASE for flyer. Greg Chase, Midwest Electrotec, Inc., 2411 Holly Dr., Pekin, IL 61554. (309) 347-3950

WANTED

Service Notes, Technical Bulletins, etc. that describe, illustrate or list **OLD PHILCO BAKELITE BLOCK CONDENSERS.** Photocopies or originals are OK. Write with details or call Ray Bintliff, 2 Powder Horn Lane, Acton, MA 01720, 508 263-7435

WANTED: Operator's instruction manual for Philco 7050 tube tester. Photocopy OK. Harold Kelly, NØSAA, 323 Merriam Ave. North, Thief River Falls, MN 56701. (218) 681-4462

WANTED: Need your help please. Power supply and power supply cable for an Atwater Kent Model 40. Cone and sound unit for Atwater Kent Model 52 console. Also grille speaker for this model. See A.R.C. April 93, pp. 12, 13. Robert Rouette, 4000 Cardinal Leger, #14, Trois-Rivieres, Quebec, Canada G8Y 2H2

FOR SALE: Wireless 1918 Western Elect. CW-938 receiver/transmitter – $1,700 plus shipping. Photos – $1. Will Jensby, WØEOM, 645 Giannini Dr., Santa Clara, CA 95051. (408) 296-6071

WANTED: Back for a dual chassis 10" Admiral console TV Model No. 24A12. Steve Cavell, 30144 Torry Ave., Flat Rock, MI 48134. (313) 379-3254

WANTED: Stromberg-Carlson Model 74, (1934, very large console). Reward. Also early AC large beasts 734, 744. Pickup anywhere. Will consider any S-C stuff sans TV; especially advertising. John M. England, Jr., PO Box 59136, Schaumburg, IL 60159 (formerly Alexandria, VA). (708) 823-5287, phone

FOR SALE: Pirate radio T-shirts and underground hobby books. A radio alternative! SASE for info. Snallygaster Press, PO Box 272, Springs, PA 15562

WANTED: Heath QRP transmitter HW7. (W2IOJ phonetically welcome to interesting old junk.) James McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224. (716) 675-0160

FOR SALE: National NC125, clean – $100. Belmont 6D111, no crack – $150. Zenith Zephyr chairside 7S240 – $500. Zenith console 12U158 – $600. Zenith half-round chairside – $250. Zenith tombstone 6S128 – $175. Henry Harmoney, 3619 Carson, Ana, TX 79109. (806) 359-5367, home; (806) 372-8393, work

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#4	*Small Diamond (as in Peter Pan)*
#5	*RCA/Zenith/Echophone*
#6	*Philco 'V' (Green)*
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FOR SALE: Table radios AM-FM hi-fi: Zenith H845 – $40. B835-A – $30. Heath electronic voice control VX-1 – $20. Radio Craftsman AM-FM tuner (mono) 15 tubes, Model 800 – $50. General Industries 3 speed phono motor, mint Type DSS – $20. Techmaster VHF TV tuner – $10. Hallicrafters S-53-A – $50. Onerio Sabetto, W8ZXG, 1717 Burgess Rd., Cleveland, OH 44112-1103. (216) 481-1036

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FOR SALE: 1. Emerson Patriot, green with red grille – $650. 2. Addison Theatre, green with yellow grille, hairline – $600. 3. Fada Bullet, case only – $300. 4. Emerson 564, missing knob – $750. 5. Fada 652, butterscotch – $600. 6. Fada 1005, blue Plaskon – $500. 7. Crosley D52CE, lime green – $150. 8. Farnsworth ET065, metal grille – $85. 9. DeForest Everymans' radio phone – $400. 10. Emerson 511, white marbled – $250. 11. Westinghouse Refrigerator, off white, restored – $100. 12. Coca-Cola, 1940's – $500. 13. GE KL51, Beatle radio – $400. 14. Pepsi bottle radio, 1940's – $700. 15. Predicta floor model television, blonde – $1,000. 16. Predicta tabletop television on original stand – $350. Gus Constantine, 32 Poplar St., Hudson Falls, NY 12839. (518) 747-3053

WANTED: Atwater Kent cabinet for a Model 33 in excellent condition. Thank you. Jim Inglett, Rt. 1, Box 206, Midway, AR 72651

FOR SALE: Crosleys: grey 11-116U, white 11-114U (Radio Redux, p. 89), blue 11-124, green 11-122U, white D-25-WE (Johnson, p. 128). Crosley Streamliners: black/beige 56-PB, brown/beige 56-PS. Motorola 5X11 (Radio Redux, p. 85). Unique transistors: Early 60's radio shaped like a home movie camera; golf bag and cart red/black with brass frame. Artist's original Stromberg-Carlson advertising piece - SC collector must! Crosley neon radio sign. Microphones: highly sought after Astatic JT-30, like new with cord; Kent DM-1T, new in box styled like the RCA-77DX. Set of 4 framed Crosley advertisements featuring all the great Coloradio series. Fada Bullet, pumpkin-red. Scott Blair, 130 E. 18th St., Apt. 11S, New York, NY 10019. (800) 223-0170

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FOR SALE: Rider's 11-14 – $12 ea. Sams – $1.50 per folder. Test equipment, as is – $10 and up. Military TV-7 tube checkers, as is – $35 ea. QSTs 50's & 60's – 50¢ ea., minimum 5 pieces. Knobs: N.O.S. Charlie McCarthy – $2.50 ea.; Philco, orig. types – $2.50 ea. Tubes: 6SN7GTB, new bulk pack – $1.25 ea.; 6V6 excellent used – $1.50 ea.; 80ST excellent used – $2.50 ea.; 24, 27 globe excellent used – $3 ea. We have many more items. Send postcard for reply. Thank you! Arcturus Radio Supply, 3554 W. 105th St., Cleveland, OH 44111. (216) 647-3908, 4-6 pm EST

WANTED/TRADE: I am looking for drivers, or will trade bells with necks for these horn speakers: Atwater Kent R, Amplion AR114, Herald square opening, Murdock 500. Peter Frei, PO Box 500, Brimfield, MA 01010. (800) 942-8968, toll free

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FOR SALE: Belmont A5D118, like Coronado C5D14 (A.R.C. Nov. '92, p. 16) but white, working – $65. Rare Skylark late 20's cathedral, rough refinished cabinet, new grille cloth, untested – $65. All items F.O.B. Swarthmore. Sam Mannino, PO Box 233, Swarthmore, PA 19081. (215) 353-6747

FOR TRADE: Hickok 750 for excellent working I-177B tube tester; WWII transmitting tubes some N.I.B. for '01-A, '99 BBTT silvered or colored glass tubes (duds OK). **WANTED:** Factory built (with emblem) Browning-Drake radios with panel meter. David Smith, 2159 River Rd. SE, Granville, OH 43023-9521. (614) 587-0679

WANTED: Help: Need output xfmr American Bosch 460A (2A5 tube 7000-3Ω load). Thanks. John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (508) 537-0092

FOR SALE: Tubes. Entire stock of N.O.S. audio, and used tubes must go. Low prices! SASE for list. Fisher 500C stereo tube receiver – $175. McIntosh MR65B stereo tube tuner – Best Offer. Dyna ST-70 amp, PAS-3, and FM-3, L/N, factory built – $325 set. Dyna FM-1 tuner with FMX-3 multiplexer – $55. Tube caddy – $25. Tube sub manuals – $6. WE tube manual – Best Offer. Jackson 648, tube tester – $45. Hickock 750 tube tester, needs work– $25. Charles D. Blair, 815 N. 5th St., Cambridge, OH 43725. (614) 432-4453, or (614) 432-4562 after July 2

FOR SALE: RCA 9K10 original perfect chrome, mahogany cabinet professionally refinished, mint condition with original knobs – $7,500 firm, shipping extra. Ken Smith, 903 River Rd., Eugene, OR 97404. (503) 485-8676, days Mon. thru Fri.; (503) 485-0319, eves. & wknds.

FOR SALE: Jewett Superspeaker, looks & works good – $140. Manhattan horn speaker – $110. AK E2 speaker – $45. Bosch cone speaker – $45. Philco 19, very nice, works good – $250. **WANTED:** Radiola 28 junker with good chassis, knobs, etc. Crosley 5M3 chassis. Philco 89 chassis. Crosley 124 chassis. Majestic 194 chassis. I'll swap items you need for the chassis listed above or buy your chassis. Thanks. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456. (314) 735-2945

WANTED: Junker Sparton Bluebird chassis and cabinet for parts. Need 1 knob, plus restorable chassis and box. Frank Nocera, 1572 Argyle Dr., Ft. Myers, FL 33919. (813) 936-7197

FOR SALE/TRADE: My collection of transistor radios, about 30, for a nice cathedral radio. SASE for list. Steve Pazar, 4950 Deerwood Dr., Santa Rosa, CA 95403. (707) 544-8142

WANTED: 1930 Philco Model 95 highboy chassis. John Sudduth, 1842 Hwy. 92 North, Fairburn, GA 30213

WANTED: Ampex AG-100 Cue Matic, Gates Stereo Statesman console. Rob Leftwich, PO Box 4041, Roanoke, VA 24015. (703) 989-4235

FOR SALE/TRADE: Tubes European-American, cheap. European radios 1930's-1950's. Send $1 for price list. All above trade for 1920's sets, cathedrals, crystal sets, early wireless parts-tubes (dead OK). Argirios L. Adamidis, 19 Kampouridou St., Panorama, Thessaloniki, Greece, 55236

FOR SALE: Sell very rare National SW-3, near perfect – $325. **WANTED:** RCA-CR88 receiver. Gary Goldsmith, PO Box 5786, Beverly Hills, CA 90209. (310) 696-0177

WANTED: Type 45 (balloon)/245/345 tubes, N.I.B. @ $30, used @ $18. H. Kato, c/o Mr. Omura, 3852 Mohr Oak Ct., Fairfax, VA 22033

WANTED: For American Bosch Model 620: knobs, dial needle, glass. Philco #41-220: spkr, lens, grille cloth. Philco #46-250: cardboard back. Philco #48-461: knobs, cardboard back. Zenith 7H920 plastic dial (broken is OK). Zenith 8H034: knobs, grille cloth. **FOR SALE:** Zenith M510R – $50. Crosley D-10CE, side fins – $100. Federal 1040TB – $65. Silvertone 5 – $40. GE 400 – $30. Sentinel 1U352 – $60. Guild Dry Sink – $400. Lars Roose, 10100 Chapala Ct. NE, Albuquerque, NM 87111. (505) 296-4129

WANTED: International Model 90 chassis or complete junker. Your efforts will be greatly appreciated. Joe Pawell, 6 Augustine Ave., Ardsley, NY 10502. (914) 693-9374

WANTED: Manuals/schematics or copies. Tandberg 1055 AM-FM receiver. Ed Ellis, 1559 S.W. 23 Ter., Deerfield Beach, FL 33442. (305) 421-9999

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Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

FOR SALE: Western Electric 107A amplifier; 1940 metal cased Army/Navy issue – Best Offer. Ron Sanderlin, 405 Delany, Gurnee, IL 60031. (708) 623-7253

FOR SALE: Zenith Trans-Oceanics H-500, clean & working – $65. Eico HF & 90 FM tuner – $20. UPS extra. Paul Fulton, 711 Jacquelyn Rd, Westwood, NJ 07675. (201) 664-5260

WANTED: Heathkit W-7A, W5M amps; 807 tubes; also tube output transformers. G. Dickinson, 102-1140 Meadowlands Dr., Nepean, Ontario, Canada K2E 6J3. (613) 225-8684

FOR SALE: Power transformers removed from old color TV sets, write for needs. Stromberg-Carlson PA amp, old, uses two 6L6s, works – $20 plus UPS. **WANTED:** Service manual for Yamaha CR800 stereo receiver or source for one. Also IF alignment instructions for Stromberg-Carlson 145L chassis other than Riders. Al Manieri, 384 Bates St., Phillipsburg, NJ 08865. (908) 454-3699

WANTED: Junker with good xfmr. (1) Jackson condenser tester. (1) E.M.C. Model 801 R/C bridge and in circuit capacitance checker. (1) Solar Model CB1-60 or CB2-UA. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198

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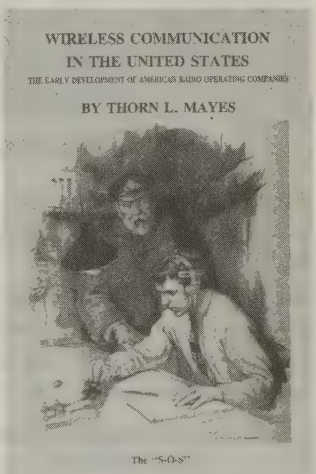
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FOR SALE: Televisions mostly for the 1950's. DuMont RA-105 console – $75. Crosley Super V table model – $75. A kit TV which I think is a Midwest – $75. Motorola TS-88 console – $75. RCA 21" Berkshire console in cabinet with doors and UHF – $150. RCA 21" blond metal table model with UHF – $125. Silvertone Suburbanite portable – $90. Admiral metal portable – $80. GE 21" console, slim cabinet – $110. RCA 21" console with UHF – $110. Al Anderson, 510 Park Ave., Mechanicville, NY 12118. (518) 664-6846; fax (518) 664-6645

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WANTED: Brown Bakelite Airline Model 93WG604A, case in very good condition. Will buy junker. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

FOR SALE: Vintage test equipment including B&K E-2000 metered RF signal generator. All units refurbished and tested. SASE for list. Ray Bintliff, K1YDG, 2 Powder Horn Ln., Acton, MA 01720. (508) 263-7435

WANTED: Marconi receivers, advertising and related items: purchase or many items to trade. Barry A. Janov, 2454 Dempster, Ste. 416, Des Plaines, IL 60016. (708) 827-9100

FOR SALE: RCA 140 tombstone – $430. RCA Radiola 60 – $220. RCA 260 color dial – $225. Call (201) 262-9466, ask for Harvey. Harvey Daniel Rieff, 320 Lacey Dr., New Milford, NJ 07646

WANTED: Radio knobs, 1/4" shaft set screw type, wooden, Bakelite, plastic, etc. (no TV, please). Ernest D. M. Yeaw, RR #3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

FOR SALE: Magnavox TRF-5 battery set, outside case rough, but chassis is mint, inside "Lionhead" decal perfect – $75. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

FOR SALE: Unusual Bendix 847D – $65. RCA portable 6BX63 – $45. S/H extra. Polaroids available one dollar each plus SASE. Bud Santoro, 3715 Bower Rd., Roanoke, VA 24018. (703) 774-9153

FOR SALE: Hammarlund HQ180C, completely restored & aligned. Also have spare front panel, refinished, for HQ180. Ron Eisenbrey, 115 First St., Sugar Land, TX 77478-3003. (713) 491-7823

WANTED: Old TV stands, old TV stands, metal, 10 to 15 dollars plus shipping. Lambert Eulenfeld, 1414 Azalea Dr., Jacksonville, FL 32205. (904) 384-6743

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WANTED: Astatic JT and Shure 520/707 type "bullet" shaped microphones. Paying up to $100 each. Steve Melkisethian, c/o Angela Instruments, 10830 Guilford Rd., Suite 309, Annapolis Junction, MD 20701. (301) 725-0451. Fax (301) 776-2892

FOR SALE: Table radios: Crosley 567G – $60, Crosley 628 – $50, Emerson 547B beige – $60, Motorola 58X – $40, Philco PT2 – $30, Philco 48-200 – $45, Philco 38-7 – $80, Philco 40-155 – $90, Philco 610 tombstone – $100, RCA 12X – $35, RCA 61-8 – $45. Speakers: AK E, L, M; Crosley Musicone (3) – $60 each. WE 100F speaker amplifier – $60. Emerson 508 portable – $65. I pay shipping. Rick Ameden, PO Box 291, Pluckemin, NJ 07978. (908) 874-5852, until 10 pm EDT

SERVICES: Quality repairs of vintage radios, audio components & guitar amplifiers. UPS or walk-in. Call 24 hrs.: Salt Marsh Electronics, 19 Millfield St., Woods Hole, MA 02543. (508) 457-9220

WANTED: Working chassis for the following sets. Crosley Model 517 Fiver. Sonora Model RCU-208. Airline Model 84HA-1810. Emerson Model 517. Philco Mod 45. Philco 37-34. Belmont Model 633. Knobs for Coronado Model 1010B. Looking for Moonbeam clocks, any color other than white or butterscotch, or other colored Bakelite/Catalin clocks. **FOR SALE/TRADE:** Exc cabinet for Atwater Kent Model 540 table set, refinished and mint. Contact: Terry Kelly/Marilou Kelly, Magic Eye Radio, 1136 Winding Ridge Rd., Santa Rosa, CA 95404. (707) 527-7457

WANTED: Benjamin shock mounted 199 tube sockets, Thordarson 2:1 A.F. Transformers, Selectone long wave transformers. Please check your parts box. John T. Meredith, 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734

FOR SALE: Swan xmtr, 250C, SSB/AM, 6 meter station, 250 watts SSB, most powerful 6 meter station ever made; worked (4) continents with vertical, perfect – Bids. R. Monterosso, 4156 Harriet Rd., Bethpage, NY 11714. (516) 796-3804

FOR SALE: Atwater Kent Model 55 chassis, complete w/dynamic speaker and tubes – $100. RCA VE7-26 radio only w/dynamic speaker (Look for the Dog, p. 186) – $125. Philco 39-25 chassis w/dynamic speaker, 9 tubes and all knobs – $75. Philco 37-93 chassis w/dynamic speaker (no cone) and 5 tubes – $60. Atwater Kent 145 tombstone, 1934 radio, complete, works – $150. Majestic 440 cathedral, 1934 radio, complete – $250. Plus shipping. Ansley 32 chairside radio/phonograph complete, 1 bad leg – $175/BO, pick up only. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

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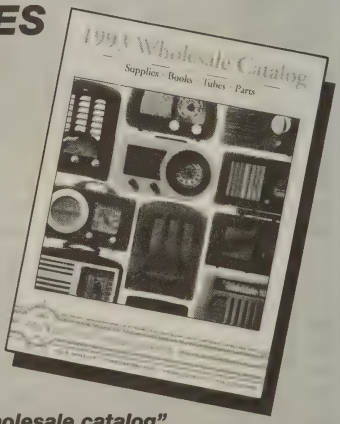

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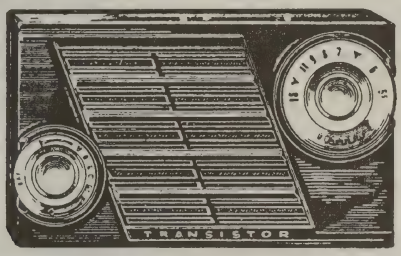
FOR SALE/TRADE: Tektronics 2235, 100MHz scope, cost $3,000+, trade for ham gear/sell $1,750. Charles Zafonte, N1FRX, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273, evenings



WANTED: Any Sutton transistor radio. Most had black case with red knobs. Also want Sutton sales literature. Steve Baron, 435 Park Ave., Lexington, KY 40502. (606) 269-2832

FOR SALE: Brush soundmirror, Exct. cond., not working – $200. Mark Johnston, 522 S. Bascom Ave., San Jose, CA 95128. (408) 294-7200

FOR SALE: Globe Chief tube ham transmitter – $60. Browning Laboratories RV-10 FM tube tuner – $85. Jose Alex Sandoval, 33 Brook Circle, Pella, IA 50219. (515) 628-2510

FAX NUMBER FOR
ANTIQUE RADIO CLASSIFIED
(508) 371-7129 – 24 hours a day
Ads – Subscriptions – Book Orders
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Minimum Charge: $10.00

WANTED: Base and/or driver for A.K. Model R horn speaker. Driver assembly for A.K. Model L horn speaker. Sam W. Wrenn, 2314 Seminole Dr. #1207, Arlington, TX 76010

WANTED: Climax Ruby Supreme tabletop (E.O.R., p. 120). Climax Emerald table top (A.R.C. June 93, photo on p. 57). Top dollar tendered. Randall Giles, 12552 Camarero Ct., San Diego, CA 92130 (619) 792-9391. Fax: (619) 792-7376

FOR SALE: Antique Radio Classified, all 84 issues 1986-1992 – $84. Antique Radio Gazette, all 17 issues 1977-1982 – $17. Old Timers Bulletin, all 76 issues 1971-1989 – $76. Gorgeous wireless General Radio variable inductor in wood case – $25. Plus shipping! Radiola 60 with tubes, working, with table speaker – $75, you pick up. Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201. (314) 474-8729

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RGB - PO Box 5361
Old Bridge, NJ 08857 USA
Tel: 908-679-8026
Fax: 908-679-8524 (Foreign dial 011)

FOR SALE: Cathedrals, AK 84 (450), AK 90 (350), Majestic 196 (300), Philco 89 (225), 84 (175), 84B (175), 60 (190), Crosley 146 Mayor (300), D-10TN (150), JM-8BG Enchantment (200), 5M3 (150), Emerson BA199 (150), International Kadette 41 (125), Majestic 463 Century Six (150), Philco 20 cathedral (300). Frank D. Atwood, Nostalgia Radio, 117 East Main St., Merrimac, MA 01860. (508) 346-8100, or fax (508) 374-1030

WANTED: CRT 3KP4 for Pilot, early 50's Capehart TV literature, Riders Radio Manual 23. Fred Ringwald, 3803 Half Turn Rd., #126, Colorado Springs, CO 80917. (719) 550-9419

FOR SALE: Philco 37-690 console, 20 tubes, 7 speakers, 2 chassis, 15+ watts audio, PP6B4's, pick up – Bids. Francis H. Yonker, P.E., W2IBH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

FOR SALE: Dial glass/escutcheon for GE console 326 – $12 plus shipping. Steve Beale, 4694 Chickasaw Rd., Memphis, TN 38117. (901) 685-0209, evenings

WANTED: Data on Fetron's, made by Teledyne in 70's, have many TR types. Charles Brett, 929 John St., Manhattan Beach, CA 90266. (310) 374-0953

FOR SALE: Pwr xfmr #83-555-000 for Bogen LOM – $10 +. Solar panel, 36 cells, 12 v – $45 +. Robert Rossi, 10936 Melbourne, Allen Park, MI 48101. (313) 386-8321

WANTED: Tube test setup manual for Signal Corps Model 1-177 tube tester. Bob Remes, 2815 Suffock, Kingman, AZ 86401

FOR SALE: Zenith 6D311; three missing louvers, otherwise complete – $30. Sherwood Morse, RFD 5, Box 580, Montpelier, VT 05602. (802) 223-7702

FOR SALE: Tektronix 5203 scopes – $200. Larry Dowell, Route 2, Box 17-A, Hurdle Mills, NC 27541. (919) 364-2756

1993 Catalog

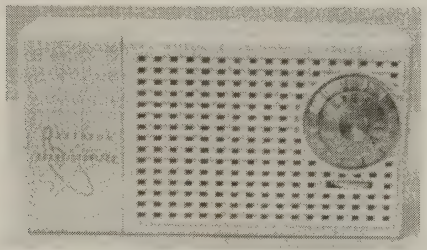
Our 1993 catalog update to main catalog #0692 is still being worked on. Watch for announcement in future A.R.C. ad for release date and cost.

Gary B. Schneider
Play Things Of Past
9511-23 Sunrise Blvd.
Cleveland, OH 44133

WANTED: Tubes (duds ok): Western Electric types, foreign types, transmit types, colored glass types, Wunderlich types, Geissler and x-ray types, any unusual or special purpose types. What have you? Sam W. Wrenn, 2314 Seminole Dr. #1207, Arlington, TX 76010

IF YOUR EXPIRATION DATE IS JULY OR BEFORE, RENEW TODAY! EARLY RENEWALS RECEIVE AN EXTRA ISSUE!

FOR SALE: Great "moving them out" sale. Tested tubes and ham-electronic magazines – 1/2 price, tubes now – $1, and magazines – 50¢ each. Send LSASE for lists. New items: Original and Xerox copies of publications, Xerox copies designated by *. *Heathkit Communication Receiver Manual for Model AR-3, 42 pages – $5. *EICO Model 770 CB Transceiver Manual, 17 pages plus schematics – $4. *TM 11-887 tech manual for R-520/URR, Zenith Trans-Oceanic military receiver – $10. *Popular Science radio annual, ca. 1942, 90 pages, many construction projects – $5. Heathkit Manual "How to Understand and Use Vacuum Tube Voltmeter", 89 pages – $5. DeVry Technical Institute lesson booklets covering 35 electronic subjects – 50¢ ea. An electronics course for – $17.50. Send SASE for list of subjects; all prices above, plus shipping. *Air Force Service Manual for Tube Tester TV-70/U – $10, plus $2.16 for first-class postage. Elmer H. Thom, 11717 Kingfisher Ln., Saint Marys, OH 45885-9335. (419) 394-1104



WANTED: Raytheon T-100 Series and T-150 Series. Marty Bunis, RR 1, Box 36, Bradford, NH 03221. (603) 938-5051, before 8 pm EST

FOR SALE: Bell Sound Systems 3C PA amplifier, untested but following tubes test good: P-P 2A3s, (2) 53s, (1) 57, & (1) 5Z3 test good 42# – $65/$3 ea. 12" Rolo speakers, 7000 ohm field w/power transformer to excite field (uses Type 80 tube missing). VC, output transformer, and cone intact, 24# – $30 ea. Above plus S&H. Verne Folk, 115 Randy Dr., Butler, PA 16001. (412) 287-6987

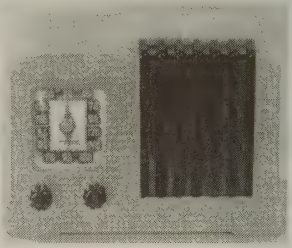
FOR SALE: Old Milwaukee beer cap radio, novelty – $35. Randy King, 3017 Orwell St., Lincoln, NE 68516. (402) 423-9621

WANTED: Bendix Radios wanted, need not work. Call or write: Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

WANTED: Copy of manual for USM 24C military scope. John Martin, 111 Bancroft, Rochester, NY 14616. (716) 663-4182

FOR SALE: Industrial and laboratory test equipment, and assorted power supplies. SASE for free list. Mathew W. Lineberger, Matty's Radio Shop, 295 Grove St., Providence, RI 02909

FOR SALE: Crosley E-20 MN, automatic radio, model unknown, 20's wooden Grundig Majestic 2150, none work, all in nice shape – Best Offer on each. Fisher tuner TFM-200 – $35. Used, tested 6SN7's – 50¢ ea., minimum order 4. Sherwood S-8000 IV integrated amp – $50. **WANTED:** Fender Deluxe or Princeton guitar amp. Bill Cherensky, 6 Kate Ln., Metuchen, NJ 08840. (908) 549-2165



WANTED: Arvin 532 Catalin radio in any color combination. Any condition is acceptable. Perfect or parts, or anything in between. I will pay strongly. Please call or write: Michael Lawlor, PO Box 179, Santa Barbara, CA 93105. (805) 682-2336

FOR TRADE: Pilot A-C Super Wasp; Pilot one-stage audio amp; Pilot boxed power supply parts; Kenneth Harkness three-stage audio amp. Carl Osborn, W6RXP, 140 Blue Jay Drive, Sedona, AZ 86336. (602) 282-4543

WANTED: Century in line cap. checker. Fada 185 90, Earl radio, McMurdo Silver. E. Lucas, 480 Border Hill Dr., Los Altos, CA 94024. (415) 941-3675

WANTED: Complete speaking tube for Ediphone and Dictaphone wax cylinder dictation machines. Cylinders wanted also. Chislowsky, 2947 Avenue V, Brooklyn, NY 11229

FOR SALE: 100% refunds on any item that you are not pleased with. AK 67 & matching F-7-A speaker – $110. Mitchell 1261 bed lamp radio – $30. Philco 84 cathedral, working but needs TLC – $95. Delco R-1214 wooden table set – $30. Lester tube piano radio Model 494 – BO. For a five-page list of radios, parts, & literature, please send a SASE or call after 7:30 pm Montana time. Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162

WANTED: I will pay top dollar for the wood version of the pictured Majestic tabletop radio. Will settle for one in salvageable condition. Please don't hesitate to call or write me with information. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

FOR SALE/TRADE: Brown Philco Boomerang – $385. Small Addison brown swirl case – $550. Want Fada Bullet. L. Grove, 4584 W. Ivanhoe St., Chandler, AZ 85226. (602) 961-4281

FOR SALE/TRADE: Miscellaneous collectible and usable tubes. Some good, some display only. LSASE for list. Sam W. Wrenn, 2314 Seminole Dr. #1207, Arlington, TX 76010

FOR SALE: New loctals for sale: 2-7A8, 7C6, 7A7, 7C5, 7C6, 7B7, 7AF7, 7A5, plus (7) used loctals, everything for – $20. Mike Somers, 852 W. Aldine #1, Chicago, IL 60657. (312) 868-1696

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To get your free 20 words, include your SUB# with your Ad. Additional words are 17¢ each. Read inside back cover for details. MANY THANKS!!!!!

FOR SALE: Zenith portable chassis 5G41, rough – $5. Zenith X723 & N723 – $7 ea. Sparton 6AM06 portable – $15. Delco 60's AM car radio – $10. Ford 70's AM car radio – $10. Vornado (Lloyd's) TM838 tube AM/FM/SW, looks like a boom box – $15. Simpson 0-100 AC ammeter with CT – $10. 1 pr. 4 x 6 speakers – $2. Koss Phase 2 headphones – $15. Yeasu YH55 headphones – $5. All items plus UPS. Jon Andreasen, PO Box 22, Newton, NJ 07860. (201) 579-6261, after 5:30 ET

WANTED: Manual/photocopy for B&K Model 161 AC Dynamic Beta transistor tester. Expenses paid. Dowdall O'Dacre, 548 Melton St., Pembroke, Ontario, Canada K8A 2S1. (613) 732-9597

FOR TRADE: American Bosch Model 28, nice, for McElroy Chart of Codes. Tom French, W1IMQ, the McElroy Collector, 120 Great Rd., Maynard, MA 01754. (508) 897-2226

FOR SALE: Sell to highest bidder: new in box, Western Electric Model 540 speaker, box wt. 17 lbs., top missing. Bid until July 30, 1993. Ted Stewart, 2157 Braemar Rd., Oakland, CA 94602. (510) 531-7042, fax (510) 531-7072

WANTED: RCA Victor U9 phono cartridge, and "rubber tire" from turntable. **FOR SALE:** RCA T-120 TV. AK 20 in Pooley cabinet. Must pick up. Joseph Loubriel, 524 James St., New Milford, NJ 07646

WANTED: Charlie McCarthy toy, Western Electric 2C and 4C receivers, loop antenna 2A tuning unit. Marc Ingenthron, 9748 Outlook, Overland Park, KS 66207. (913) 642-4767

FOR SALE: Philco #70, refinished beautifully – $295. Zenith #10S470, poor man's stratosphere, excellent – $350 or BO. RCA Tube Manuals RC14, 15, 16 – $15 ea.; 17, 18, 19, 21, 28, 29, 30 – $10 ea. Zenith 12-inch speaker – $30. Transistor radios: Channel Master #6512, excellent – $35; Toshiba 7TP-352S – $20; Toshiba 9TL-365S, mint – $60. Tubes: #FG-105 – $30; EL3CJ – $10; 715 B or C – $5; EL-3B – $10. Shipping extra. Rick Yerke, PO Box 392, Moscow, PA 18444. (717) 842-4857

WANTED: For Stromberg-Carlson 130/132: tuner assm. inc. glass, indicator etc., set of knobs, tuning eye trim, socket & plug. Kevin Westbrook, 22 Hutton Ave., Toronto, Ontario, Canada M4C 3L3. (416) 467-7451

FOR SALE: First postwar RCA television (1946 630 floor model) in very good condition, attractive piece – $1,000 OBO. Fred London, 3716 South Country Club Way, Tempe, AZ 85282. (602) 345-1091

MESSAGE: VRUS Spartanburg meet was great but now somethings are **WANTED:** AK 33 cabinet, WD-11 to 4-pin adapters. Steven VanderLinden, KC6YRB, 2123 Elizabeth Ave., Winston-Salem, NC 27103. (919) 727-1247

WANTED: Would like to correspond with anyone who was involved with design, manufacture, or sales of slide rules, to learn of history, development and applications. Please write: Steve Leffel, 1790 Edison St., Green Bay, WI 54302

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TRIODE SUPPLY JAPAN
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Kawasakisi Kanagawaken Japan
Fax 81-44-511-3492
Tel 81-44-511-6343

WANTED: Hickok Traceometer Model 156 and/or Meissner Analyst. Both complete (except for probes) but need not work. Sam W. Wrenn, 2314 Seminole Dr. #1207, Arlington, TX 76010

WANTED: Crank phonographs, ports, horns or junk machines. Any condition. Dave Faehnrich, 8215 Stone Rd., Independence, OH 44131. (216) 447-0837

SEND *ALL* A.R.C. MAIL TO
Antique Radio Classified
P.O. Box 2, Carlisle, MA 01741

FOR SALE: Guild Town Crier, plays, case rough – $25. Blue Arcturus tubes (2), #126, 127, N.I.B. – $25 each. Shipping extra. Gary Nitkin, 102 Long Highway, Little Compton, RI 02837. (401) 635-2816

FOR SALE: Scott 510/Chippendale, rebuilt, very clean – $250. Airline Movie Dial parts chassis, 9 and 13 tube – Call. Westinghouse WR338 chairside, refinished and rebuilt, very nice – $275. Philco 38-7 console, rebuilt, excellent, muting switch even works – $275. Philco 38-7 console, fair, untested – $90. Crosley 5M3 and 515 tombstones, both rebuilt and nice, 5M3 is refinished – $150 each. Parts for AK 55 and 60 chassis. **WANTED:** Scott Allwave 23 chassis with very good to excellent chrome, clean chassis for Crosley 312 tombstone. John Anderlie, 509-2nd Ave. So., Hopkins, MN 55343. (612) 566-4674, days

WANTED: Manual for RCA WT-501A transistor checker, copy OK. Dave Erali, 9 Tewkesbury Dr., Wyomissing Hills, PA 19610. (215) 678-2913

WANTED: Help! TEAC 3300S tapecorder: in "fast rewind" reverses to "fast forward" after few inches; "plays" few inches then stops. Suggestions appreciated. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-6040

FOR SALE: Crosley Pup – $450. Send SASE for all new list of radios, parts, tubes, and paper material. Merrill Bancroft, 169 S. Row Rd., Townsend, MA 01469

FOR SALE: OK desolder – $60. S. Goldhor, 2147 Trombas Ave., San Leandro, CA 94577. (510) 357-3788

WANTED: Zenith table set Model 6-S-137. Jerry McKinney, 110 N. Franklin, Fayetteville,TN 37334. (615) 433-1198

FOR SALE: RCA 45 units, various types, some parts, assorted record players, assorted small radios, portables, etc. Laurence Luke, PO Box 415, Coshocton, OH 43812

FOR SALE: Alliance Model AC-80 TV converter (2-83), cabinet crack – $5 plus 7 lbs. UPS. John Uscinowski, RR#1, Box 379, Greenwich, NY 12834-9519

WANTED: Grundig Majestic #5017U German table radio, exc condition. John Lancashire, 828 W. Grove Ave., Visalia, CA 93291

FOR SALE: Rolls Royce Phantom II transistor M.I.B. – $50. Rolls Royce transistor, black, vg – $30. Western Electric repeating telegraph sounder – $50. Orphan Annie novelty, battery cover missing – $20. Donald Duck novelty, vg – $15. Pound Puppy novelty, vg – $15. Pepsi can radio, vg – $15. M Tropic AM-FM, siren, flashlight radio, like new – $20. Rangers baseball transistor, battery holder cracked – $15. Simpson 324 volt-ohm meter, vg – $20. Travelers LCD 2 band clock radio in OB – $5. RCA Pict-O-Guide, Volume 2 – $5. Kodak Vigilant 6-16 bellows camera – $20. Extension speaker (A.R.C. 3/93, p. 11) – $20. James Walker, 404 Hillcrest, Waterloo, IL 62298. (618) 939-5006

FOR SALE: Tube testers: TV7DU and TV7BU, both – $150; Hickok 600A – $35; Eico 666 – $20. Phil Boydston, 102 Concorde Pl., Mandeville, LA 70448. (504) 845-0867

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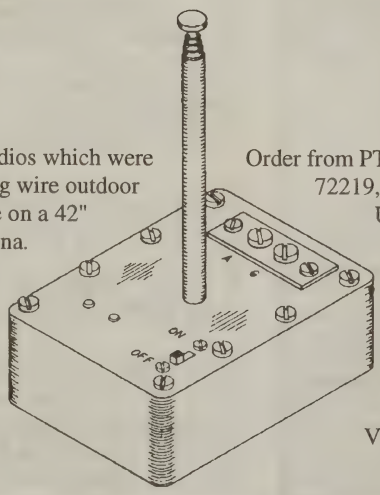

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FOR SALE: AK 20C w/papers – $100. Kolster K21 w/ matching speaker – $125. Cabinet for Kolster GD – $10. Crosley 51 – $80. Sears Model 4730, battery w/instructions – $35. Sears Model 7104, battery – $25. Philco PT-2 Bakelite – $25. RCA 16T3, large wood table – $60. Firestone Air Chief S-7403-8, large wood table – $45. Astatic D104-HS mike – $55. Classic Radio and Television, R 1, Box 393, Solon, ME 04979. (207) 643-2799

FOR SALE: Windup phonos with inside & outside horns; earphones; pre-1955 radios; send SASE. Hopalong Cassidy radio, complete, plays – $595. Tubes, lots of miniatures and compactrons, checked and guaranteed. Eugene Rippen, 105 Donnington, Auburn, CA 95603. (916) 885-6147

WANTED: Collections of knobs and tubes. Small plastic table models, no cracks. Good field coil speakers. Eugene Rippen, 105 Donnington, Auburn, CA 95603. (916) 885-6147

NOTICE TO ALL CLASSIFIED ADVERTISERS! OUR CLASSIFIED AD DEADLINE IS 12:00 NOON ON THE 10th OF EACH MONTH

WANTED: 1) Ekco AD65. 2) Western Electric Model 20A receiver. **FOR SALE:** 1) Millen RF power amp PP 100TH finals – $150. 2) RCA stereo broadcast board transistorized – $225. 3) Radford, British SCA30 transistorized – $150. **MESSAGE:** Person who called from Cleveland about Ekco please call again. I don't have your number. John Wiesner, 149 Hunter Ave., Albany, NY 12206. (518) 438-2801, (518) 371-9902

FOR SALE: Western Electric Model 3-C telegraph sounder, new old stock, satisfaction guaranteed – $65. John White, 1920 S. First St., 1404, Minneapolis, MN 55454. (612) 333-5719

FOR SALE: ARRL Handbooks 1947, 1950 – $15 each; 1958, 1961, 1965, 1966 – $10 each; all plus shipping. Evan Powell, 4717 Conquista Ave., Lakewood, CA 90713. (310) 429-3793

WANTED: 1920's British & European crystal and battery sets. Amplion horn speakers. Ian L. Sanders, 16725 Wild Oak Way, Morgan Hill, CA 95037. (408) 778-7547

FOR SALE: All sets work and could deliver RCA to Elgin. RCA Radiola 28, NT – $275. Phillips B3X91A – $50. Majestic 7P420 – $30. Motorola 67L11 – $55. Heathkit AM tuner AJ-20 – $20. All prices UPS extra. Jim Berg, 4261 Wilcox Rd., Box A, Northport, WA 99157. (509) 732-6155

FOR SALE: Airline Model 62-311 movie dial console – $125. Majestic Model 30 cathedral – $150. All plus UPS. Bill Lowe, 10 Meadowbrook, Candler, NC 28715. (704) 665-2727

WANTED: Regency TR-1G transistor pocket set. Pay up to $300. Jerald Hueber, 1368 King Richard Pkwy., W. Carrollton, OH 45449. (513) 866-6958

FOR SALE: (81) issues Pop Electronics, 1960's – $75 plus shipping. Steve Sholand, 6152 Murray Rd., Whitehall, MI 49461. (616) 894-8369

FOR SALE: Retiring. Must sell all remaining tubes, radios, parts & supplies at close-out prices. Send for list. Robert Gordon, 18560 Jewel Crest Dr., Muskego, WI 53150. (414) 679-1232

FOR SALE: Zenith Trans-Oceanic H-500, excellent, A station better, plays – $110. Zenith Trans-Oceanic T-600, brings in station clear, has good sound, plays – $110. Zenith 6G-601, tan, open door front case has ship on grille, magnet loop in back – $85. Meteor slant front, black Bakelite, 3-199 exposed tubes, wood case, excellent, The Radio Shop Calif., all original! – $550. Federal 110, tombstone, black Bakelite front, wood case, excellent, all original – $685. Neutrowound, black, 1926, nice, plays. Neutrowound, blue with spider web gold overlay, all original, plays; it's beautiful, 1927. Hallicrafters 85, black and grey with 5-moon tuning bands half moon in white circles between bands, nice, plays – $100. Crosley D-10GN, green Bakelite 12", has round 3-circle dial, beautiful, plays, all original – $150. Michigan jet black Bakelite, slant front radio with matching 2-tube amplifier, wood case, 1923, excellent with tickler, plays – $600. Transistor Cabin Cruiser, excellent, plays – $125. Bi-Blane bright metal, black base, nice, plays – $100. Saint Maria sailboat and Sea Witch, excellent, play, the two – $150. Unusual sailboat with red cross circled in green, one cross green, nice, plays – $100. Mike phone 9" chrome and black plastic, plays – $45. Have a few cars, black 5-tube novelty Mickey phone, 1600 on your dial, WAO1 call letters news, sport, music, excellent, plays – $250. Hamilton Multiplex old typewriter in black case – $250. Edison Mabry, I Collect Best in Radios, 715 W. Longview Ave., Mansfield, OH 44906. (419) 526-1175

WANTED: REL transmitters and receivers, Fada 140A receiver, and Supreme newsletters The Diagnostician. Randolph Warren, 5026 Portsmouth Rd., Fairfax, VA 22032. (703) 978-6144

WANTED: Dial scale, bezel, and knobs for Crosley Cub cathedral (see Evolution of Radio, p. 122), will buy junk set. Wanted: Radio promotional items to enhance my radio room such as Hoppy, Nipper and other advertisements. Reasonable prices please. Repos OK. **FOR SALE:** Wow! I had a great response for 100mW AM Carrier Current transmitters in last month's A.R.C. More are on the way. They're great for broadcasting old radio programs in the home, to neighbors or drive-by public, crystal-controlled 5-channel capability, and still only – $159.95. Send SASE for brochure. Pat Ryan, 2122 Marconi Ave., St. Louis, MO 63110. (314) 664-7080

WANTED: Stromberg-Carlson 69, Silvertone 57J6178A, Hallicrafters SX88, Detrola Pee Wee, Stewart-Warner 91-513, Zenith 6D137, Zenith 5S327. Vance Rayburn, 2718 Homestead Rd., Madison, WI 53711. (608) 274-3002

FOR SALE: Nice Crosley 62TD, cabinet only with grille cloth – $10/Elgin. Trades? Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

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FOR SALE: Hammarlund HQ100A, nice – $125. Lafayette KT200 general coverage receiver – $125. Loewe Opta Komel 53 parts set – $30. Zenith H6156, works – $20. Zenith Z28 battery works – $20. Midwest chassis 916, untested – $35. Silvertone 6230A battery 3SW & BC – $35. AK 33 chassis clean – $75. Dennis Atkinson, Upper Park St., Phillips, ME 04966. (207) 639-3111

FOR SALE: Two Winkler-Reichman S-5 horns (early and late models), plus other horns. SASE. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

WANTED: Crystal sets, crystal radio kits, toy crystal sets and pocket crystal radios. Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria

FOR SALE: Weston voltmeter in original box, signed by Edward Weston July 21, 1891 – $250 OBO. Harry Kundrat, 29 Walton Ave., New Providence, NJ 07974. (908) 665-1873

PHONE NUMBER FOR
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(508) 371-0512
Best time to call is weekdays:
9 am to 5 pm Eastern Time
(Please no classified ads by phone. Thanks!)

FOR SALE: (22) more antique and collectible radios than on last huge list. Also televisons and test instruments. For list, send 2-stamp LSASE to: John Enigl, K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (414) 743-3672

WANTED: Radio Boys books by Allen Chapman with original dust jacket only. Please write: Henry O'Meara, PO Box 384, Honeoye, NY 14471

WANTED: Knob for Sparton 1867. Rider's 18-22. Antenna coil and shield cap for RCA Victor R-35/R-39/RE-57. Sams 1-300. Sams AR series. **FOR SALE:** Rider's 8, 10, NU2. Tubes, mostly TV – $1 for list. Mark Davidson, 2527 57th Ave., NE, Tacoma, WA 98422-3407. (206) 927-4838

FOR SALE/TRADE: Hi-fi/microphones, (2) Western Electric 630A's 8 ball. (1) Western Electric spring-mounted mic from 20's, (1) Western Elec. salt shaker type, (1) older RCA ribbon mic, (1) Shure 555 – BO $1,350. Leak mono pre-amp – $40. Dyna Pat 4 – $35. Mono amp with gold potted trans. – $40. Scott 350 FM tuner – $35. Early triode Webster amp that uses #45 tubes – $100. **WANTED:** OTL amps by Futterman, Stephens, or other interesting makes, Brooks 12A3, 10C amps, or other triode amps. Greg K. Lee, 2524 Waiomao Rd., Honolulu, Hawaii 96816. (808) 739-5303, fax (808) 735-0808

FOR SALE: Riders or Sams schematics and service data – $2.29 postpaid, when make and model number provided. John Sudduth, 1842 Hwy. 92 North, Fairburn, GA 30213

WANTED: Collins, Drake, Hammarlund, gen. cov. receivers. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

FOR SALE: Ameco Learn Code Lessons 1-22 on two 33 rpm records and course booklet – $15 + ship. J. Lisaius, 116 Orton, Caldwell, NJ 07006. (201) 226-7943

WANTED: Help, need schematic for Griffith cathedral. **FOR SALE:** AIWA TP61R. David Froehlich, 181 Main St., Apt. 211, Whitesboro, NY 13492. (315) 768-6163

FOR SALE: Home brew crystal sets. Send SASE for flyer. David Swartz, 2727 Oakland, St. Joseph, MO 64506

FOR SALE: Binocular 2" radio TV with batt. & case – $75. Jerry J. Schaefer, 932-No. 4th St., Grand Forks, ND 58203

WANTED: Chassis for 1929 Sparton 301 Equasonne highboy. John Sudduth, 1842 Hwy. 92 North, Fairburn, GA 30213

WANTED: Zenith Royal 500 cabinet, any color; Royal 500's, TV Guides. **FOR SALE/TRADE:** (16) Sams tape recorder manuals between TR6-TR57 – $50 postpaid. Don M. Maurer, 29 South 4th St., Lebanon, PA 17042

FOR SALE: Wilcox-Gay Recordette 3 radio, R/P, recorder – $35. Precision EV-10S VTVM wood case – $20. Precision 10-12 tube tester, wood case – $35. RCA WV-76A AC VTVM – $12.50. RCA 1954 voltohmyst – $15. John Martin, 817 Cook Ave., Billings, MT 59101. (406) 252-4287

FOR SALE: AN/PRC-6, handie-talkie, 47-55.4 Mc, gov't reconditioned with original manuals – $175/pair + UPS. Bob Bakinowski, 1524 Saint Tropaz, Tucson, AZ 85713. (602) 624-8029

WANTED: Flyback Thordarson Fly 2, Stancor A8131, Merit HV08, Ram X068, Capehart 750163 A1 or C1. Aircor design transformer mounting holes two inches center. Rich Blanchard, 2621 Alta Vista Dr., Newport Beach, CA 92660

FOR SALE: Unusual Sparton 738 tombstone clock radio, tuning by push button only, no dial, needs grille repair – $100 plus shipping. Walt Kiefner, 6233 51st Ave. NE, Seattle, WA 98115. (206) 524-1388

FOR SALE: Wurlitzer amplifier Model 771 – $40. **WANTED:** Power transformer for Philco Model 57. Mel George, PO Box 24934, San Jose, CA 95154. (408) 267-0697

FOR SALE: Cobra 25LTD (40 ch) CB – $50. Realistic TRC24 (23 ch) CB – $15. Johnson Messenger (5 ch) tube set – $25. Robyn T123B 23 channel tube set CB – $30. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

WANTED: Belmonts 5D128, 6D110, 6D111, 6D120 and other Belmont styles by Airline, Coronado, Truetone, etc. reasonably priced with no cracks please. Merrill Mabbs, 709 Pluma Dr., Rapid City, SD 57702. (605) 342-4090

NOTICE TO ALL CLASSIFIED ADVERTISERS! OUR CLASSIFIED AD DEADLINE IS 12:00 NOON ON THE 10th OF EACH MONTH

FOR SALE/TRADE: Tubes, schematics, service notes, Riders, etc. for early radios. LSASE for price list. Sam Faust, PO Box 94, Changewater, NJ 07831

WANTED: 2-inch picture tube for a Philco Safari TV or will buy junked set or chassis. Rider's Vol. 3. Matching speaker for a Philco 511 metal radio. Dave Bertinot, 680 Havenwood Dr., Baton Rouge, LA 70815-6605. (504) 275-9462

FOR SALE: Radios & parts. SASE for list. Silvertone bright red clock-radio, Catalog 3027 – $35. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614

FOR SALE: 1 April, 1927 issue of Radio News, 1 March issue of Radio Broadcast, both in excellent condition – Best Offer. I have several instruction manuals on How to Build the Hammarlund Roberts Receiver. These are not copies. Make Offer. Carl Hawkins, W4PFU, 315 West Duval St., Live Oak, FL 32060. (904) 364-5240

WANTED: Heath catalogues. Also Heath AT-1 transmitter. Bob Coburn, 4 Tinkham Ln., Londonderry, NH 03053. (603) 432-2615

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New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

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FOR SALE: Clearing excess stock. Have the following at $6 each. Eastman, Fundamentals of Vacuum Tubes, Second Edition 1941; Everett, Communication Engineering, Second Edition 1937; Everybody's Radio Manual 1942; Henney, Principles of Radio, Fifth Edition 1945; Slurzberg/Osterheld, Essentials of Radio 1948; Terman, Radio Engineering, Second Edition 1937. All good to vg condition. Add $3 postage per order. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Zenith 7-S-28 black dial tombstone – $350. Silvertone 4465 large gold dial tombstone – $295. AK 35 – $65. AK 55 and F-4-A speaker – $125. AK 812 console – $350. Graybar 310 – $75. Philco 20 Deluxe cathedral – $195. Baldwin horn speaker – $85. Philco 16 chassis – $65. Edison Standard 2/4 minute with Morning Glory horn, excellent original – $650. Cylinder records, 2 and 4 minute – $4 each. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

WANTED: For my collection (any condition): Western Electric Models 86, 91, 92, 124, 142 or 143 amplifiers; any WE speakers or horns/drivers or tubes for these amps and any WE tubes, transformers, chokes or parts or literature, etc. Have lots of tube audio equipment, some battery radios and AK breadboard parts and transistors to sell or trade for the above. Call or send for a list. Thanks. Nick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

HELP: Need a faceplate and 2 push buttons for Philco 40-185 console, Philco 70 tube shields, and 1 knob for GE Model 202. Terry McGee, 101 Castle Dr., Madison, AL 35758. (205) 830-8040

FOR SALE: Abbottwares bronze horse radio, 18" high, plays, exc-good – $250. H and R 16" brass blade fan No. 2417, oscilllates, runs, condition fine – $85. H and R 12" 6-brass blade oscilllates fine, runs – $125. Emerson 12" brass blades toggle switch one speed, runs, oslates, looks nice – $65. Westinghouse 12" brass blades stationery, runs 3-speed – $55. Edison Mabry, I Collect Best in Radios, 715 W. Longview Ave., Mansfield, OH 44906. (419) 526-1175

FOR SALE: TS352B multi-meter, excellent condition, black Bakelite face, includes batteries, high voltage probe & manual – $25. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

WANTED: Cabinets for: DeForest F-5, Crosley 5-50, Airline 62-194, Midwest 816, Stewart-Warner 325 & R-100A, Motorola 10-Y-1, Philco 90 and Atwater-Kent 80. Chassis for: Kennedy 20, Type 440 & Grebe Synchrophase 7. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

WANTED: Band selector knob for Zenith Royal 3000 Trans-Oceanic radio. Vic Motyka, 743 Pike Ave., Attleboro, MA 02703. (508) 226-6231

FOR SALE: Zenith Trans-Oceanic 8-G-005YTZ1 – $40. Lafayette, no model number – $10. Zenith L723 – $10. James S. Looney, Rt. 1, Box 54, Grundy, VA 24614. (703) 531-8677

WANTED: Zenith tubes in unopened, metal end, zip string boxes. Buy - trade. Send list. Steve Short, 1590 Union St., Schenectady, NY 12309. (518) 346-2245

WANTED: Beitman radio diagram books 1942, 46, 47, 48, 49 reasonable. Sanford Mathis, 29390 Somerset Rd., Paola, KS 66071. (913) 294-2669

FOR SALE: Waves has the following mint condition restored console radios available. They can be delivered to Elgin or Rochester. 1. 1929 Philco Louis VI highboy. 2. 1929 Philco Highboy Deluxe. 3. Zenith 39A. 4. Leutz Seven Seas console. 5. Sparton Equasonne. Waves, 32 E. 13 St., New York, NY 10003. (212) 989-9284. Fax (201) 461-7121. Shop hrs.: 12-6 Tues.-Fri., 12-5 Sat.

WANTED: Zenith Stratosphere, 16 or 25 tube model. Will buy or trade generously from our huge inventory. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

WANTED: AK 206 and AK 735 excellent to clean and working. Terry McGee, 101 Castle Dr., Madison, AL 35758. (205) 830-8040

FOR SALE: Trans-Oceanics: 7000 (U.S.A.) – $250, 3000 – $110, 1000 – $100. All excellent. 1000-D, top half of front cover missing – $50. 2000, dings, wrong knob – $30. Walt Kiefner, 6233 51st Ave. NE, Seattle, WA 98115. (206) 524-1388

FOR TRADE: Pilot light shield SX-42 for same SX-43. R. Chenez, RFD 2, Box 437-J, Plymouth, NH 03264

FOR SALE: Selling my collection of high quality radios. Crosley Widgit, Majestic Model 50 cathedral with stand, AK speaker, AK cathedral 387, Philco Model 49-901 plastic, Thompson battery set Model S-70 with speaker - mint, Zenith H725 green plastic, Zenith console 8S154 console, Crosley 10-135 white plastic, Crosley E-20MN green plastic, Heritage cathedral, GE Model 202, and finally for those collectors wanting a rare radio, an unusual Zenith grandfather clock radio in beautiful cabinet. Would like to sell as a group only. Asking $2,700 or Best Offer. Will not ship. Scott Vala, 16585 Hascall, Omaha, NE 68130-2060. (402) 330-7186

FOR SALE: (150) radio tubes, including Type 45, call or send SASE for list. **WANTED:** Fisher, Marantz tube hi-fi. Joseph Gallo, 62-70 Fresh Pond Rd., Ridgewood, NY 11385. (718) 497-5143

WANTED: RCA 812K, Heath W5M amp, N.O.S. GE 7581A/KT66 tubes, escutcheons for RCA 816K, 813K, 811K, 810T, 9K, 9K2, 9T, 10T, 13K, 15K. N.O.S. # 41, 75, 6V5/6G5 tubes. Chassis or radios for parts wanted: RCA 816K, 813K, 99T, 10K, 13K, 15K, C13-2. Carlton Carver, 303 Magnolia Dr., Washington, NC 27889. (919) 946-2358, eves.

FOR SALE: Majestic Charlie McCarthy – $950. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432. (612) 571-1387

FOR SALE: Superior Instrument Genometer Model TV-5A – $25. CR bridge & signal tracer – $20. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 387-6764

FOR SALE: Scott kits stereo amplifier Model LK48 and matching tuner LT-110, Garrard Type AII. Edward Monson, 1148 N. Wood Ave., Florence, AL 35630. (205) 764-2121, (205) 767-0716

WANTED: Grunow #450. Philco #16B tomb. Majestic #59, 149, 161, 463. AK #185 tomb. David Gamer, 1210 19 1/2 St. S, #6, Moorhead, MN 56560. (218) 236-5598

FOR SALE: Hallicrafters SX-24 Defiant, good condition – $140. Buyer pays packing and shipping. Jim Barrows, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

FOR SALE: Peerless Dyn speaker for Radiola 18 – $50 shipping in U.S.A. Edison Ediphone – $50 plus shipping. Antonio Consoli, 25 Hawthorne Rd., PO Box 2205, Wayne, NJ 07470-2205

— WANTED —
PICTURES FOR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
REQUIREMENTS FOR TELEGRAPH REVIEW ARE THE SAME AS FOR PHOTO REVIEW

FOR SALE: Hallicrafters S-108, Knight KG-221, Globe 6-2, Lafayette HA350, Halli TW-1000, Heath HW16 and HG10, Heath HW101 and DC PS, (3) small metal radios newly chromed, (2) Tradio hotel radios, Stewart-Warner Baradio, Mitchell bedlamp radio, Arc-5 receiver covers BC band, AK-37 and E-2 spkr, Wurlitzer wallbox, Apex metal box with spkr, (2) AK 60 chassis, AK 42, Majestic 9P6 PS, Revere 400, Dage TV camera, 55 Ford and 53 Chevy radio, handheld RC159B/URC-4, Pierson KE93 and PS. **FOR TRADE:** Any or all above for appropriate keys and bugs. Need a Rotoplex for my collection. Carl L. Elkins, 1701 Woodland St., Nashville, TN 37206. (615) 227-7972

WANTED: Tube data for Hickok 539C. **FOR SALE:** As-is test equipment. New and used tubes, American capacitors and components to repair AC radios. 8-page list free to U.S.A. and Canada. Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

WANTED: Working tube rejuvenator with instructions. Large knob for 1926 Freshman Masterpiece. Mickey Deems, 13114 Weddington St., Van Nuys, CA 91401. (818) 763-1055

FOR SALE/TRADE: Atwater Kent Model 20. **WANTED:** Tube audio equipment, even mono, broken or not, vintage speakers, tubes. Khanh Do, 1161 Copper Verde Ln., Modesto, CA 95355. (209) 525-8359 (h), (209) 835-9759 (w)

FOR SALE: Zenith Royal 675 – $40. Sony TR817 – $50. Truetone Stratoscope – $70. All work. DeWald Catalin – $500. Charles Voigt, 94 Cleveland St., Norfolk, MA 02056. (508) 528-7928

FOR SALE: Frequency counters working: Hickok 385X – $40. B&K 1801 w/probe – $35. Instructograph 500.10 tapes & manual, N.O.S. – $75. Transmitter 80? meter CW major components partially assembled, final pair 4-250A's. SASE for details. Parting Philco 37-610 & 650 chassis. Books: Vintage Radio, hard cover w/fly, mint, autographed author McMahon – $50; Radio Collectors Guide, McMahon – $8; How To Repair Old-Time Radios, Hallmark – $9. RCA service bulletins 1951/58, approx. 270 pieces – $25. Kansas City 1942 Radio School Courses 1, 2, 3, 4; 75 volumes, excellent – $75. N.O.S. tubes Eimac 4-250A. Valvo QB3/300 (4-125A) – BO. All plus UPS. J.R. Downs, 216 Hartwell Dr., Aiken, SC 29803. (803) 648-8791

MESSAGE: Have you received your 1993 color catalog of coil forms, literature, tubes, and other radio parts? If not, send $2 for your copy to: Antique Radio Labs, R 1, Box 41, Cutler, IN 46920

FOR SALE: Sparton Bluebird, blue mirror radio Model 506 – Best Offer over $2,500. Antique Radio Store, 8376 LaMesa Blvd., LaMesa, CA 91941. (619) 668-5653

FOR SALE: Philco 511, no flowers, untested (Bunis II, p. 140) – $65. RCA 84BT tombstone battery, nice original condition – $75. Philco 60B cathedral, nice original condition, working – $145. F.O.B. Swarthmore. **WANTED:** 1-lead cap. for tubes in Crosley 3R3. Sam Mannino, PO Box 233, Swarthmore, PA 19081. (215) 353-6747

WANTED: WWI sets, pay your price. **FOR SALE:** German War II radios with swastika signs. G.W.H. Faassen, Heideweg 1, 5953 TL Reuver, Holland. Tel: 04704-1316. Fax: 04704-5730

32ND ANNUAL AWA HISTORICAL RADIO CONFERENCE

Antique Wireless Association, Inc.

Wednesday-Saturday, September 22-25

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Frank Conrad Biography
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Early History of Collins Radio

AWA

Write for details: AWA, Box E, Breesport, NY 14816.

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WANTED: RCA 5-T-1 tombstone all or parts. Call or write: Bruce E. Young, 4030 Quitman, Denver, CO 80212. (303) 458-7408

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FOR SALE: Philco 52-942, hums (Bunis II, p. 137) – $40. Philco 52-940 – $30. RCA 9X571 Bullhorn – $40. Scott Olson, 1405 25th Ave. S, Apt. 104, Fargo, ND 58103. (701) 293-9238

FOR SALE: Large GE "Electronics Tubes" sign with fluorescent lighted clock – $100 plus handling and shipping. Goldman, 3 Amy Ln., Queensbury, NY 12804

WANTED: Speaker for a Philco Model 70. Lewis M. Owens, 2824 Dan Patch Dr., Lexington, KY 40511. (606) 233-0376

MESSAGE: Just received 30 more pieces of Heathkit, Knight-kit, General Radio, Ballantine, and others. SASE for list. James Fred, R1, Box 41, Cutler, IN 46920. (317) 268-2214

FOR SALE: Circa 1925 Cinderella/EKco postage stamps-verification correspondence, letters & QSL's from radio stations all over the country-Unico listening logs, etc. - call for details. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Detrola Model 568-1, chrome front with green leatherette case, vg, restored chassis – $150. Alexandria Nelson, 9225 Evangeline NE, Albuquerque, NM 87111. (505) 291-9468

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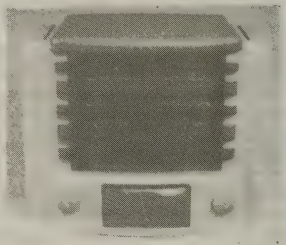
WANTED: SCR 68 radio WWI top dollar paid. Steve Bartkowski, 4923 W 28 St., Cicero, IL 60650. (708) 863-3090

WANTED: Car radio & speaker to fit '36 Senior Packard; Atwater Kent, Crosley, etc. David Edyvean, 2508 Campbell Ave., Schenectady, NY 12306

FOR SALE: Zenith floor model – $100. Ribbon mike, parts – $50. Cast iron intercom system-magnetos – $100. Paul Recupero, 265 Union St., Portsmouth, RI 02871-2209. (401) 847-8589

FOR SALE: Old type Eby binding post, silver plated – $6.95 for ten ppd. Also GE tungar bulbs. Glen Richie, W4JGO, 643 Diamond Rd., Salem, VA 24153. (703) 389-3356



WANTED: Any plastic radios by Kadette in any condition. If it's available, and someone else is interested, I'll pay even more ridiculous prices. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Radio City Products 419 multitester, wood case – $20. Triplett 630-NS VOM – $25. B&K 282 DVM – $20. Eico 955 cap. tester – $10. All work. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (407) 254-0280, evenings

FOR SALE: Crosley Buddy #54 – $350. Western Electric headphones – $25 ea. Dryco #T-607 radio looks like a television – $35. EIK medical battery box set. Various type amp and volt meters – $3 ea. Zenith and G.C. radio dial belts around 100 belts – $50. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

WANTED: Your broken Catalin radios in any condition. Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

WANTED: Contrast control knob and faceplate (snaps into place to cover focus, height, etc. on front of set), both for Stewart-Warner Model 9104A TV. Also N.O.S. 12LP4 pic. tube for same. Joe Luchese, 232 Ayrault Rd., Fairport, NY 14450. (716) 242-9475

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FOR TRADE: ARRL Radio Amateurs Handbook 8th ed. 1931, Hallicrafters S-118, Mercury 1100B tube tester with manual/tube chart, Navy Oscope OS-8C/U with manual. Tubes: N.O.S. 807(2), 811A(2), 816(2), 3B28(2), 6146(6), 5692(2); used 2A3(3) good emission. Trade for tubes new or used: 00A, 01-A, 24, 26, 45, 71A, 80, AK F-2 speaker, horn speaker, NE-30 neon bulb (1-watt, standard light bulb base, 1 1/4" round). Ralph Day, 30211 137th Ave. SE, Auburn, WA 98002. (206) 939-0792

FOR SALE: Two straight neck horns, Manhattan and Trimm – $125 each. Philco tombstone 37-610, very good – $125. Fairbanks Morse cathedral, rare, good condition – $300. R. Burick, 440 Jefferson Ave., Pittsburgh, PA 15202. (412) 761-1339

WANTED: The following Grebe items: Synchrophase (not MU-1), Natural Speaker, No. 1750 speaker, clean cabinet for MU-1. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

FOR SALE: 1) Columbia Elec. Tong test amperes Type AX42195 – $40. 2) GE Tong AC volt ammeter Type AK-1 – $40. 3) New tubes 12SF5 – $1 each. 4) Transistor radios: Silvertone Model #3209 with case – $25. Philco-Ford Model R131, gr., new in box – $25. Crown TRF-1900 FM/SW – $20. GE Model 5616, blue & white – $8. Starlite DeLuxe – $9. Philco Model NJ-802, WH6. – $18. Motorola #5P31A – $25. Dancing Slimmer, new in box – $25. Ghostbusters, new – $20. All plus shipping. Danny Thornton, 1175 Springdale Cir., Spartanburg, SC 29303. (803) 578-8518

FOR SALE: Rider's Manuals, 1-5 abridged and 6 through 23 – Best Offer. Rider's Television Manuals, 4 through 27 — Best Offer. Ned Connors, 29 Allen Ave., Barrington, RI 02806. (401) 246-0164

WANTED: Zenith Trans-Oceanics, tube and transistor models, any condition. Frank Manziano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Scott Model 510, 14 tubes, 2 chromed chassis, Kenilworth cabinet, sounds great – $400. Ron Gamer, 311 Pleasant Ave., #302, St. Paul, MN 55102. (612) 227-0661

FOR SALE: Emerson 517, black and white – $50. Zenith B600 Trans-Oceanic – $75. Realistic DX-150A 4-band communications receiver – $50. Guild Country Belle oak wall phone radio – $50. Rare Western Electric candlestick phone – $150. Jackson 103 tube tester – $30. Superior TV-12 oak case tube tester – $40. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

WANTED: Philco 87 door handle and rung for between sets of legs or picture of same, RCA 6-RF-9 dial pointer, and speaker for Philco 42-395 (14-inch frame, 1,100-ohm field coil). Lou Hiltz, 95 Perry St., Harrisonburg, VA 22801. (703) 433-3202

FOR SALE: Six Million Dollar Man crystal set, N.I.B. – $75 ppd. Ghostbuster Marshmellow Man – $35 ppd. Scott MacGregor, 1115 S.W. 28th St., Troutdale, OR 97060. (503) 661-1294

WANTED: National Regenaformer kit, case for Federal 110 and service manual for AN/USM-205A. Alan Smith, 6368 Charing St., San Diego, CA 92117. (619) 268-3620

FOR SALE: Two complete series of American Basin Science Club projects, some partially assembled – $55. Thomas E. Croley II, 1808 Linwood Ave., Ann Arbor, MI 48103. (313) 665-7233

FOR SALE: Westinghouse H716T5, white plastic AM/FM, works – $20. Crosley 9-302, needs work – $15. RCA 8X541, brown Bakelite, has loud hum – $25. RCA 7BX8L, green Globetrotter, portable, works – $25. Emerson 654 12" BW console TV restored, works – $85. Emerson 662 14" BW table TV, new tubes, recapped, cabinet refinished, good sound but no raster – $65. All plus shipping. **WANTED:** Colorful tube type radios from the 1950's. Prefer Philco, but will consider anything that really stands out. Also want Philco advertisement items. Robert Schrantz, 610 E. Juanita Ave., Sandimas, CA 91773. (909) 394-1194

FOR SALE: University IB-A8 outdoor speaker – $25. Hallicrafters S-59 receiver – $25. Ampex H-1390 microphone and desk stand – $25. Radio For Everybody by Lescarboura, 1922 – $20. Jack Smith, 288 Winter St., N. Andover, MA 01845. (508) 686-7250

WANTED: Books on solid-state and vacuum tube radio building projects. Ross Wollrab, 1501 E. Gardner Ln., #722, Peoria Hts., IL 61614. (309) 686-0211

FOR SALE: Zenith 4K035 farm radio – $60. Watterson 527 – $50. Mitchell bed lamp – $50. Philco 46-250 – $40. Motorola 5X11U – $50. Emerson big portable – $50. Philco 40-130 – $60. GE 408 – $30. Detrola 579 – $40. Zenith 5S319 – $95. Bendix 847D – $75. RCA 6BX63 – $45. Federal R/P 101 – $50. S/H extra. Polaroids dollar each plus SASE. Bud Santoro, 3715 Bower Rd., Roanoke, VA 24018. (703) 774-9153

FOR SALE: Addison 5, yellow – $1,000; green – $1,000. Emerson AX235 Little Miracle, beautiful red, repaired – $1,500. RCA RC350, yellow – $950. Sentinel 284NI, yellow – $800; walnut – $900. Motorola 50XC, yellow – $2,500. Lafayette push button, yellow and tortoise – $2,250. Reproduction dial glass, DeWald, Addison – $40 each. David Brenner, 71 Burdette Rd., Atlanta, GA 30327. (404) 257-1665

WANTED: Wollensak 1240 (?) tape recorder, 1965, in good working condition, or information on same. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (708) 584-5915

FOR SALE: Thinning (80) 1926-1960 wood, plastic, metal, ham, SWL, German, radios, magazines, paper. Gene Katz, KC6BLD, 212 Burnam Wood Dr., Mt. Laurel, NJ 08054, (609) 866-1189

FOR SALE: Fisher 500C stereo receiver – $125. Garrard Lab 80 turntable – $60. Guild Town Crier – $95. Pilot 280B FM tuner – $30. Gonset Communicator IV – $75. Zenith Trans-Oceanic w/manual – $75. Emerson EC 301 – $35. DeWald JD519 – $45. Bendix 114, marbled tan w/beige grille – $300. Arvin 442, black – $60. Sony 5-307UW transistor TV – $80. Philco 49-1040 Consolette 10" TV, PU only – $100. **WANTED:** Beetle plastic or Plaskon radios by Kadette, Detrola, Majestic, Sparton, GE, Silvertone, RCA, Admiral, Firestone, Sonora, or ??? I will pay cash or I have some great trade items. Please call or write: Jon Steinhauser, 636 Westminster Rd., Baldwin, NY 11510. (516) 223-9878

FOR SALE/TRADE: Fisher KX90 integrated, fair – $15. Harman Kardon MX700 mpx unit – $55. Bogen DB110 amp – $20. Sony TFM 119A AM-FM, repairable – $15. Zenith Royal 1000, good – $70. **WANTED:** Clean McIntosh MC60 amp, C8 preamps, manuals, cabinets, power supplies must be reasonable. Walt Fleming, 182 Plain Hill Rd., Norwich, CT 06360. (203) 889-5018

WANTED: Unusual horn speakers. Will buy a large collection. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

WANTED: 2A3, 50, 300 A or B, 274 A or B tubes. New or used. Several of each needed. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

FOR SALE: Kenwood R2000 dream receiver 100kHz to 30MHz, sells for $800, new in the box – $499. Kenwood TS 530SP, digital transceiver, NC 50 microphone & PC-1 phone patch, mint – $599. Ernest Odeneal, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 5788

CLASSIFIED AD NOTICE
Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

FOR SALE: RCA 77DX and 74B mics. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919. (813) 936-7197, after 6 pm

WANTED: Philco 40-180 escutcheon/dial glass/knobs, (see May 1993 A.R.C., p. 12). John Lopez, 825 Lees Dr., Las Cruces, NM 88001. (505) 527-8515

FOR SALE: Atwater Kent 20C, good/WT – $60. Rider's Volume 1 – $50. (Radio A Blast From The Past) with price guide – $25. First Bunis book – $20. Tube test Heathkit TC-3 with manual – $25. Capacitors 10 mFd 500v – 90¢; 22 mFd 450v – $1.00. New axial lead others capacitors available, send for list. Robert Nicholson, General Delivery, Manilla, Ontario, Canada K0M 2J0. (705) 357-1466

FOR TRADE: AN/PRC-9A-RT-175 transceiver. PE-157 power supply. **WANTED:** P-19 headphones. Send for military component, and crystals, want list; postage reimbursed. Wm. Stokesbury, #305 W. 142nd St., Ocean City, MD 21842-4428

FOR SALE: Catalin cabinet restorations, all done by hand, to bring back the original colors of your radio. Please call for a quote. Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

FOR SALE: Large selection of early Pilot parts pre-1932 everything from A to Z. Want to complete that Super Wasp? Inquire. Also small selection of Silver-Marshall early parts. **WANTED:** Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: Microphone and speaker for Fi-Corder. Telefunken Minifon sub-mt tube version. Sony ICR-100. Gilfillan GN-1. Any Japanese WWII set, i.e., one tube TRX Type 94-6, TX Type 94-5. Noriyoshi Tezuka, 1-10-7-807 Higashigotanda, Shinagawaku, Tokyo 141, Japan. Fax: 011-813-3440-8396

WANTED: Stromberg-Carlson #61-H Allwave radio receiver owner's manual photocopy. Mark Phillips, 171 Buckey Hill, Wellsburg, WV 26070-2203

FOR SALE: Philco 38-116 console AM/SW, sloped front, automatic tuning, 2 knobs missing, unworking – $105. Motorola 68F11 brown plastic (Bakelite) AM/RP, excellent – $65. Echophone EC-1 receiver, 1942 – $65. National NC155 80 - 6 meter receiver – $95. Heathkit HR-10B 80-10 receiver, AM/CW – $45. WWII Mark II tank AM/CW transceiver, no mods – $45. Zenith 5C01, side crack, (Bunis) – $25. Arvin 1586 AM/FM tuner/amplifier/speakers combo – $35. Traveler 6050 AM/phono, nice – $30. Wilcox-Gay 6B30 Recordio AM/phono, good – $40. BC-221 frequency meter, excellent – $25. Boonton 80 signal generator, 2-400MHz, good – $65. Don Merz, 47 Hazel Dr., Pittsburgh, PA 15228. (412) 344-0956, 7-10 pm EST

FOR SALE: GE H-51 magnificent console with carvings on cabinet and doors, beautiful focal point – $350. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

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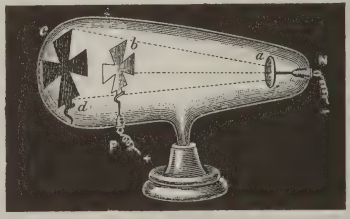

A HISTORY AND DEMONSTRATION OF GEISSLER AND CROOKES TYPE VACUUM TUBES FROM THE LATE 19TH THROUGH THE EARLY 20TH CENTURIES, AND THEIR ULTIMATE CONTRIBUTION TO THE DISCOVERY OF THE X-RAY.

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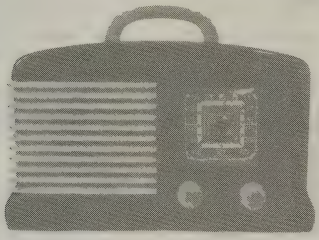
WANTED: Military, commercial, communication, or transmitting tube books having conversions or specifications and any other information. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

WANTED: Hallicrafters SX-88, in very good to excellent condition with cabinet and correct knobs. Will pay fair price for good unit. Dick Igou, 8435 Twisted Oaks, Garden Ridge, TX 78266. (210) 651-9049

FOR SALE: Table model Predicta TV, looks and works nice – $500 + $50 shipping. Jerry Traub, 806 McDonald Ave., Santa Rosa, CA 95404. (707) 545-9425



WANTED: Fada Catalin radios and radios of Catalin, primarily by Fada. Am I losing my mind? Tune in to Oprah weekdays and find out! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

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FOR SALE: Fisher FM-1000 cabinet, exc – $85. **WANTED:** Home brew tube-type amps, other tube-type amps, preamps, tuners, any condition. Manual/schematic for Fisher 300 multiplex generator. Rick Graves, 4500 Ninth Ave. NE #300, Seattle, WA 98105-4762. (206) 632-9929. Fax (206) 633-6038

FOR SALE: Two home brew battery sets: (1) 3 tube Sampson – $50; and (1) 1 tube with UV 200 brass base tube – $100. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: National preselector for FB7. C. G. Rainville, 3209 5th Ave., Castlegar, British Columbia, Canada V1N 2V6. (604) 365-2387

WANTED: Dial glass clip and screw for Zenith black dial, or junker with clip. Daniel Schoo, 526 Colonial Dr., DeKalb, IL 60115

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32 mFd	150 v	tubular	$0.60	.50
47 mFd	160 v	radial	.85	.75
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WANTED: Standard Micronic Rubies, Sony Micros IR81, TR-8 as well as other Micros, M.I.B. Victor Visalli, 48 Cedar Ave., Maywood, NJ 07607. (201) 845-0463

FOR SALE: (42) issues of Radio Digest Magazine. Tabloid style newspaper. (1) issue 1922 – $5. (31) issues 1923 – $5 ea. (10) issues 1924 – $4 ea. All have diagrams, ads, stories, etc. Good reading. Lafayette catalog 1951 ed. over 1000 pages – $20. **WANTED:** Radiola 28 chassis in good condition, bezel for small cathedral, must fit in a hole 1" high by 1 1/16" wide. Still need a Burns and GGH celluloid horns, I have the bases. I'll swap or buy the above items. Thanks. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456. (314) 735-2945

WANTED: Vogue picture records, 45/78 records, record cutting machines, hi-fi tube amplifiers, Predicta TVs, jukeboxes. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 866-6183

WANTED: Circuits: Navy oscilloscope O/S8U. Ameco 6N2 transmitter TX6-2. Eico capacitance bridge 950B. E. Hoard, Box 38, Lehr, ND 58460

FOR SALE: Zenith console 6S254 (Bunis 2, p. 203), rough finish, but complete, works – $115. Philco 42-350, good, missing 2 push buttons – $40. Musicaire bullet shaped Deco painted Bakelite, works – $35. 1931 Rolls Royce transistors – $40/2. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374

FOR SALE: Condition good to excellent unless noted. Knight Ranger II unassembled to be kit, N.I.B. – $200. Hallicrafters S-72-R, fair condition – $125. Seeburg SB-1120 mono amplifier w/2A3 output tubes, untested – $200. 45 rpm car phonograph, Allstate 5048, chrome & black, untested – $150. Money Talks Powertronic AM-FM – $75. Wrist radio, Youngworld by Goodwin, M.I.B. – $85. Michael Jackson, pocket AM-FM – $65. Add UPS. Take care. Chuck Bray, 1322 Ivy Rd., Bremerton, WA 98310. (206) 373-1013

mf/ volts	manuf	each	20 & up
.001/600	Sprague 715P	$ .40	$ .35
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.015/600	Sprague 6PS-	.50	.45
.02/400	Xicon (radial)	.27	.22
.022/600	Sprague 715P	.65	.60
.047/400	CMC (axial)	.35	.30
.047/600	Sprague 715P	.68	.63
.05/400	Xicon (radial)	.35	.30
.1/400	Xicon (radial)	.50	.45
.1/600	Sprague 715P	1.00	.90
.22/600	Sprague 715P	1.50	1.35
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4.7/450	ICC (axial)	.66	.61
10/450	Xicon (axial)	.98	.91
22/160	Rubycon (axial)	.75	.70
22/450	Xicon (axial)	1.30	1.25
33/160	Xicon (radial)	.88	.83
33/160	Rubycon(axial)	1.08	1.03
47/160	Xicon (radial)	1.30	1.15
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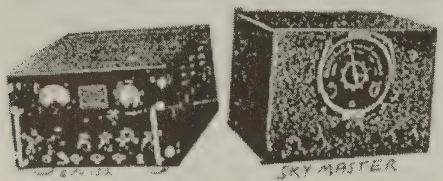
WANTED: Cabinets for Kennedy 110, Kennedy 525 and Gilfillan GN-3. Ralph Day, 30211 137th Ave. SE, Auburn, WA 98002. (206) 939-0792

FOR SALE: Emersons: F-133; 402; 522: 541; and 569. SASE for list. Leo Vanderpot, 765 N. Broadway, Hastings, NY 10706. (914) 478-4092



WANTED: Any condition, Hallicrafters Sky Master and EP-132 as shown. Also want SX-46, S-48 and S-49. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

FOR SALE: (150) radio tubes including Type 45; call or send SASE for list. **WANTED:** Fisher, Marantz tube hi-fi. Joesph Gallo, 62-70 Fresh Pond Rd., Ridgewood, NY 11385. (718) 497-5143

WANTED: Eveready #2 speaker. Eveready radios. Flashlights & catalogs. Subscribe to Flashlight Newsletter – $12/year. Bill Utley, PO Box 1425, Tustin, CA 92680. (714) 730-1252

FOR SALE: Flybacks N.O.S. for early 50's TV Admiral, Arvin, Airline, CBS, DuMont, Emerson, GE, Hoffman, Magnzvox, Meck, Motorola, Philco (no Predicta), Sparton, Wells, Zenith. SASE for wants and list. WANTED: Sencore TC109 tube tester. Barry Dalton, N7XEP, 196 Kilborn Dr., Grants Pass, OR 97526. (503) 474-2524

WANTED: Any make of American or Japanese transistor radios, working or not. Doug Ferrero, WB8YNZ, 33673 Chatsworth, Sterling Heights, MI 48312. (313) 268-3677

FOR SALE: Microphone flags for RCA 44 Series mics, excellent cast aluminum duplicates of a late '40's original – $29.95 plus shipping. Send large SASE to: Frank Nocera, 1572 Argyle Dr., Ft. Myers, FL 33919. (813) 936-7197, after 6 pm

WANTED: Majestic Model 72 radio, chassis and speaker in working or restorable condition. Billy Calhoun, 2210 Locklaine, Pasadena, TX 77502. (713) 473-4686, call collect Mon.-Fri., 1 pm - 5 pm CST

WANTED: Chassis for Emerson 520. Need information on Pilotone amp Model AA904. R. Suslovich, Box 9053, McLean, VA 22102. (703) 893-7184

FOR SALE: Ballantine AC voltmeter Model 300 – $30. AN-URM-62 dummy load – $30. DuMont 304AR oscillograph w/manual – $50. International crystal CB frequency meter 6024 w/601 charger – $35. Galbraith, 1214 South Alvord, Evansville, IN 47714. (812) 476-7601

FOR SALE: RCA 66X8 Catalin, exc condition, works great, burgundy swirl, no cracks – $800. Tea Kettle by Guild, exc cond. – $200. (3) butterscotch Catalin knobs. **WANTED:** I am interested in trading for Waltons set, any condition. Also need cabinet for Zenith 5S228; need chassis for Zenith 5X230, 7D127, 6S203, 5S127. David Nigus, 598 Julia Ct., Lewisville, TX 75067. (214) 221-9042

WANTED: Old General Radio, RCA, Gates, Western Electric broadcast equipment catalogs and literature. John P. Tiedeck, 212 Grandview Rd., Media, PA 19063. (215) 566-8049

WANTED: Promotional plastic car/AM radios from the mid-60's. Not reproductions. Jerry Becker, 1704 Larry Dr., Plover, WI 54467. (715) 341-7610

FOR SALE: 1st user friendly circuit on early BC-348's, most comp. values on 2 sheets. Send $2 + (2) 29¢ stamps. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049-5214

FOR TRADE: Will trade new RCA-103 speaker tapestry grille cloth for Radiola AR-812 operating instruction book. Contact: Ken Ericksen, 1049 Felspar, #33, San Diego, CA 92109-2844. (619) 483-2183, evenings after 6:30 pm

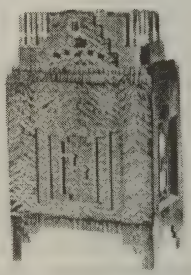
WANTED: H.H. horn sm. table radio, wood. **FOR SALE:** Tubes (1) NL-716, (2) 6014 – $25 each. Paul Gruber, 14823 Janine Dr., Whittier, CA 90605

WANTED: 7" & 10" TVs from the 40's. Knobs for a Garod 930 TV. Zenith Royal 500's. Tony & Lynn DeMara, 40231 Day, Clinton Township, MI 48038-4739

FOR SALE: (1) Color bar/dot/crosshatch generator RCA WR-64A. (1) Television sweep generator RCA WP-69A. (1) RF modulator, Mod RF output RCA WG-304B. (1) Crystal calibrated marker generator RCA WR-99A. (1) RF/IF/VF marker adder RCA WR-70A. Make offer on these. Also have 25-30 PA amplifiers all with tubes, 10 to 100 watts; microphones and speakers – about a sixty-year accumulation. Vernon Blaine, Rt. 5, Box 322, Canby, MN 56220

FOR SALE: World, 5-tube, 3-dial battery table model, nice – $95. RCA Victor Model 5T tombstone, 2 bands – $140. Fifty or more clean original radios available, always thinning my collection. Sorry, no shipping; come see my inventory! "Dickering done here." All inquiries to include SASE. Francis W. Pond, 98 High Rd., Lee, NH 03824. (603) 659-3831, no calls after 9 pm EDT

WANTED: This radio or any radio sitting on top of a speaker cabinet. Don Hauff, Box 16351, Minneapolis, MN 55416. (800) 769-9980



FOR SALE/TRADE: Truetone Deco wood table radio w/multicolored "Network" dial, BC/2SW, nice – $125. Knight tube tester, tests everything – $50. **WANTED:** Orig. 12" spkr for RCA 9K/10K/13K/15K consoles. Also cabinet for 9T/10T tombstones. Thanks! Jay Myers, 1010 Graybar Ln., Nashville, TN 37204. (615) 297-5886

FOR SALE: TV camera system. Norelco PC-70 studio camera. Houston Fearless camera cradle. Studio pedestal (not H-F). Angenieux 18-180mm lens. Cohu color bar generator. Cohu encoder. Norelco CCU. Cables. Make Offer. Rob Leftwich, PO Box 4041, Roanoke, VA 24015. (703) 989-4235

WANTED: Radio News, Feb. 1944, special Signal Corps issue, will pay $20 each exc cond. Sam Hevener, W8KBF, The Signal Corps, 3583 Everett Rd., Richfield, OH 44286-9723. (216) 659-3244

WANTED: HP 182T mainframe. Reasonable price. Thanks. Phill Grant, 119 Hoeshop Rd., Bernardston, MA 01337. (413) 648-9077, evenings

FOR SALE: Fada 115, olive/butterscotch, bottom crack. Green/black perfect Bendix Catalin. Detrola S68-1, gray metal (like Collins II cover). Motorola 53-H, black. Emerson 520, brown Catalin, perfect and cheap. Fada 652 yellow/red cabinet only. Also many vintage fountain pens. Ted Chronister, 27 No. Cameron St., Harrisburg, PA 17101

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WANTED: Pink, yellow, and bright orange radios and transistors. Stylish sets only. Don Moody, 1600-M Glenwood Ave., Raleigh, NC 27608. (919) 821-3530

FOR SALE: C. R. Leutz 1927 Phantom TRF shortwave receiver with plug-in coils. Includes separate Leutz AC power supply and assorted Leutz literature. Will trade (plus/minus cash) for a Silver Ghost, Capehart 500 Series, etc. or sell for best reasonable offer before 10/93. Martin Needleman, 1618 Winchester Rd., Annapolis, MD 21401. (410) 757-4627

FOR SALE: 175+ antique radios, tubes, parts, etc. 20-page photo list – $1.50. M. Ohmann, Box 314, Albany, MN 56307

FOR SALE: Rare 1925 Airline Conqueror, good restorable condition, original instruction book – $200. John Porter, 701 N. Main, Osceola, IA 50213

WANTED: GE Models 219, 220 or 221 in any condition. Jim Wilson, 888 Pearse Rd., Schenectady, NY 12309. (518) 372-9625

WANTED: Collins Radio Company catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. (805) 259-2011

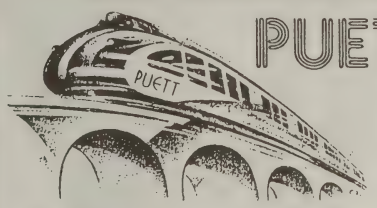
FOR SALE: Crystal radio kit No. 2, comes complete with face panel and baseboard, a 365 variable capacitor and a prewound coil, and the many other parts for an old style crystal radio, remit – $19.50 pus $3 shipping. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

FOR SALE: Chassis/chassis/chassis. Zenith 10S464, 5707, 6A40, 12H670, 6G501M, 7S5725, 12, 6D2614. Philco 70, 71, 201, 645, 40-150,46-1213. AK Type L, 808A. RCA T6-9, C11-3. Radiola 66, 25, AR-813 D8. Silvertone 4769, 1640, 1970. Frank D. Atwood, Nostalgia Radio, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100. Fax (508) 374-1030

WANTED: Restorable cabinet for RCA Model 816K, door or restorable case for RCA Regenoflex. Steve Link, 630 E. 20th St., Sioux Falls, SD 57105. (605) 339-2769

FOR SALE: Automatic Radio 50th Anniversary (1970) cuff link, tie clasp set – $25 includes shipping. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (508) 535-1009

FOR SALE: Majestic chassis, 7 tube with knobs and escutcheon – $125. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030



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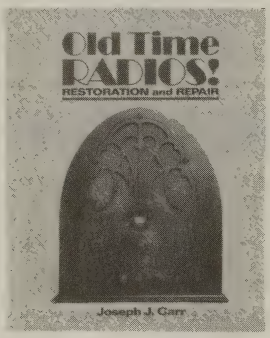

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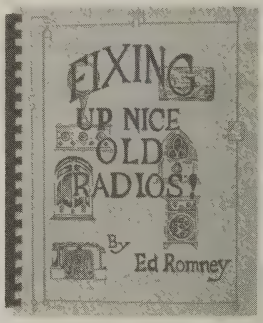

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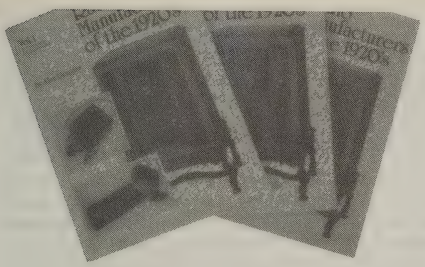

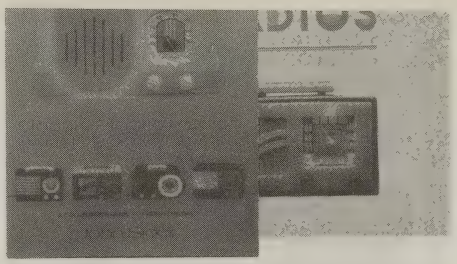

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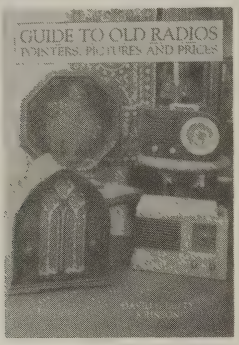

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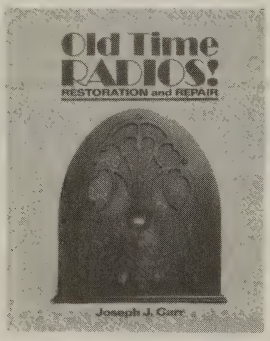

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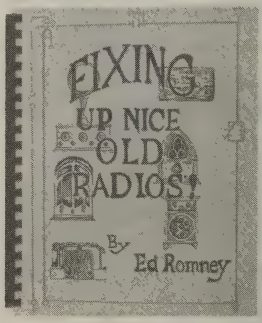

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__ TV, projection
__ Speakers, horn type
__ Speakers, cone type
__ Speakers, misc. type
__ Vacuum tubes
__ Transmitters, tube
__ Transmitters, spark
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__ Magazines, radio
__ Books, radio
__ Catalogs, radio
__ Literature, misc.
__ Advertising items
__ Novelties, radio related
__ Cylinder phonos
__ Disc phonos
__ Electric phonos
__ Broadcast equip.
__ Test equipment
__ Meters, panel
__ Hi-Fi equipment
__ Telephones (old)
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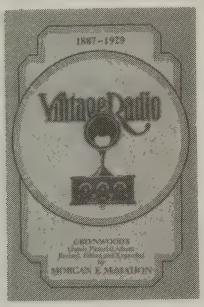

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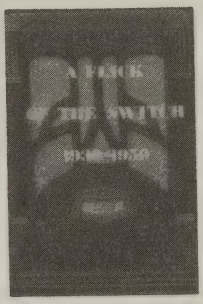

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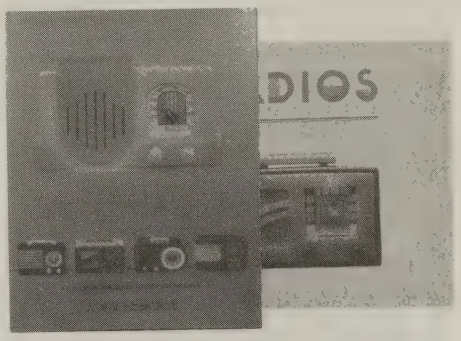

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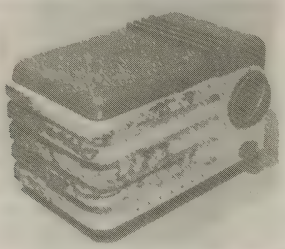
FOR SALE: McMurdo Silver Masterpiece 2 in Raleigh cabinet, all original, Deluxe speaker, chrome perfect, works well – Best reasonable offer. September delivery to AWA possible. Martin Needleman, 1618 Winchester Rd., Annapolis, MD 21401. (410) 757-4627



WANTED: Detrola, Kadette, RCA, Silvertone and any other early plastics wanted in this publication (refer to finer print on other pages). I've found a cure for greed: buying everything possible! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

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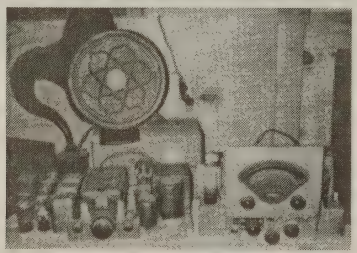
WANTED: Zenith Royal 500L, 500N, Royal 500D in pink or tan, Motorola 56T1, 66T1. Marty Dzik, 412 Gregory St., Schererville, IN 46375

FOR SALE: McIntosh MC30 – BO over $200 plus s/h. Send LSASE. Maurice Pope, 39 Highland Ave., Gorham, ME 04038



WANTED: Cabinets for pictured chassis 1928 Crosley Model 706, 1935 Atwater Kent Model 328, and not pictured a cabinet for a 1931 Majestic Model 50. Edgar McBee, 2249 S. Kansas, Wichita, KS 67211

FOR SALE: Majestic Grundig radio Model 85, works – $40. Sencore CRT checker, Model CR128 – $30. Heath oscilloscope, works, no probes or manual – $45. Plus UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (609) 881-0244

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FOR SALE: RCA tombstone Model T-6-1, looks good, works well – $100 plus shipping. **WANTED:** Oscillator transformer for Philco Model 38-12, Part #32-2586. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

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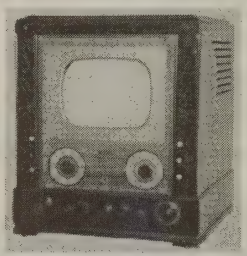

WANTED: Knobs for this Garod 930 TV. The guy who sold it to me told me it had all the knobs. What he didn't tell me was, it don't have the right knobs. Please help. Will buy junk set for parts. Tony & Lynn DeMara, 40231 Day, Clinton Township, MI 48038-4739. (313) 263-0325

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FOR SALE: Transistors: King's boys radio – $65. Philco T7X128 – $75. Emerson Pioneer, aqua – $65. Philco 8J21, coral – $55. Emerson 911, aqua – $45. Northamerican micro – $35. Motorola 7X25W – $50. Bulova 680, canary – $75. Windsor 6T-220, aqua/gold – $35. Webcor g309 N.I.B., 2-band, aqua – $90. Sony TR-3510 – $20. TR-84 – $45. RCA 4RG52, white/blue – $40. Fleetwood globe – $85. Ota small Japanese tube portable – $50. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

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MESSAGE: Person who offered Coyne's Oscilloscope Service, please write to: Charles Benson, 196-49 45 Rd., Flushing, NY 11358

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FOR SALE: Collins KWM-1, 516F-1, KWM-2A, 75A-1, 75A-4. Joel Levine, WB2BMH, 67 Derby Ave., Greenlawn, NY 11740. (516) 757-7641

FOR SALE: Radiola 28, mint – $275. Westinghouse transistor travel clock radios, mint – $55. List LSASE. Richard L. Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

WANTED: Manuals for General Radio equipment Type 1304-B and Type 1233-A. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150. (716) 873-0447

WANTED: WNEW radio station call letter flag for RCA 77DX or 44BX microphones. Jeffrey Williams, 201 East 62nd St., Apt. 8C, New York, NY 10021. (212) 754-5865

FOR SALE: 1925 Howe crystal – $170. BC638, BC639, PS – $100. AK 66 – $175. Want tube hi-fi. V. Vogt, 330 S.W. 43rd St., #247, Renton, WA 98055. (206) 251-5420 x247

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24-HOUR FAX [512] 467-2944

FOR SALE: Tombstones Philco 620, Philco 37-620, GE A-53, RCA 118, Emerson 34-C, all – $125 each. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

PHONE NUMBER FOR ANTIQUE RADIO CLASSIFIED
(508) 371-0512
Best time to call is weekdays:
9 am to 5 pm Eastern Time
(Please no classified ads by phone. Thanks!)

FOR SALE: Red Emerson 888 Pioneer – $100. (2) Coronet Boys radio, black & blue – $40 ea. RCA TIJE – $25. Emerson 888 Titan – $45. Motorola CXZN clock tandem radio – $35. Zenith R475 – $75. Zenith 500 alum. chassis handwired – $100. Channel Master 6512, red; 5614, black – $40 ea. Novelties: AM/FM Coke vending machine, N.I.B. – $50. Mekka jet fighter, N.I.B. – $50. Love is for US – $40. All metal Mississippi Fire Pumper – $50. Toshiba Flying Saucer 7TH425 – $100. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

WANTED: Collins 390A or similar quality SW receiver, Heathkit SW receivers. Also Crosley Repwoods. Mark Smith, Rt. 2, Box 279C1, Gates, NC 27937. (919) 357-2800

WANTED: Radio-related pocket knives and related advertising. Particularly Cunningham tube knives and advertising. Sandy Batchelor, PO Box 295, Shenorock, NY 10587. (914) 248-5794

FOR SALE: Crosley E20TN (Bunis II, p. 53) – $65. 1939 Philco PT69 clock radio – $50. Stromberg-Carlson 1101 (Bunis II, p. 181) – $45. RCA 9X571 (G.O.R., p. 116) – $40. RCA 65X1 (G.O.R., p. 98) – $25. RCA 66BX – $35. Automatic C-60X portable – $15. GE 200 – $15. Firestone 4A110 clock radio – $20. Wilcox-Gay Recordette 8J10U portable – $60. Mark Yeshe, 610 Hollins, Helena, MT 59601. (406) 442-1942

FOR SALE: Drake 2A receiver, vintage tube CB's. Charles Zafonte, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273, evenings only

WANTED: Telegraph literature, books, etc. Brass or nickel straight keys; Vibroplex bugs damaged or incomplete. Any telegraph junk that needs TLC. Realistic DX-302 receiver. Thanks. Robert Butt, N1KPR, The Key Doctor, 8 Little Fawn Rd., Shelton, CT 06484. (203) 924-1120, 3-8 EDT

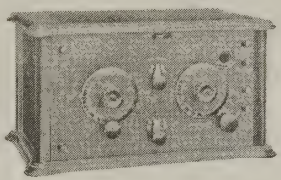
WANTED: Going to Elgin this summer from central or south Florida? I need to arrange transportation for 2 TVs from Elgin to the central Florida area. One is a console, approx. 30"L x 30"W x 40"H, while the other has the same L x W but not as tall. My eyesight does not allow me to drive, or I would go and get them myself. I would be more than willing to pay a reasonable fee for your troubles. If you think you might be able to help, please call me collect. Thanks. John Folsom, 450 Golden Dove Ave. NE, Palm Bay, FL 32907. (407) 725-3462, evenings, weekends

FOR SALE: Ham equipment and antique radios. Two Gonset G-76 AM-6 through 80 meters transceivers 90 watts, one repainted and relabeled with factory AC power – $175; one like new with mikephone 100Kc calibrator AC and 12 volt DC power supplies – $350. DX-20 nice – $50. SX-25 nice – $65. Radios: One large cathedral 1931 Kenmore Model S-Jr. with flower petal speaker grille – $165; one rare small wooden Crosley 1937 Model C-516-506DD red and green dial open pointer – $85. UPS extra. Delmer Woodley, KØCZH, Rt. 3, Box 13, Milford, IA 51351. (712) 332-5673

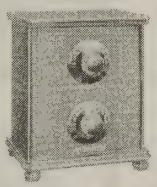
WANTED: Need back covers for Zenith 6D311 and Zenith 6D512. Thank you. Keith Dennison, PO Box 109, Victory Mills, NY 12884. (518) 695-6723

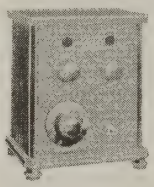
WANTED: Original or repro external hardware for Colonial Globe radio. Carl Baxter, 1133 So. Clinton Ave., Rochester, NY 14620. (716) 473-5322

WANTED — CLAPP-EASTHAM SETS

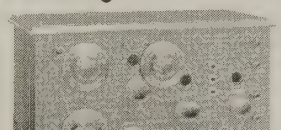


R43 Regenerative Set





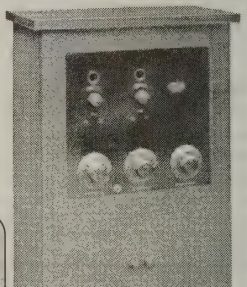
R23 Tuner & A23 Det./Amp.



C3 Regenerative Set

A3 2-Step Amp.

Also Looking For:
Blitzen Receiver, D Receiver, OZ, F.A.R. or Z, ZRFDA, ZRFD, ZR, HRF, ZR, C64, RHM



C63 Regenerative Set Console with Speaker

As it may be a long time before I find any of these sets, remember to call me if and when you can part with yours. I am putting together a broad collection of early broadcast and wireless equipment from many manufacturers, and adding to it each month. I buy single sets or collections – also, books, catalogs, manuals and other related documentation. Now that I have moved my business (A.R.C.) out of my home, I have roooooom!

Call and surprise me; make my day! — Please leave a message if my answering machine answers. Thanks.

John V. Terrey, 498 Cross Street, Carlisle, MA 01741 — (508) 369-9770

FOR SALE: Hallicrafters SX-117 receiver w/matching speaker R-48A, exc – $175. R. W. Miller, 5217 43rd Ave. Ct. NW, Gig Harbor, WA 98335. (206) 858-9240

FOR SALE: DeWald 561-2 Catalin – $550. Bendix 114 – $300. I'd also consider trading for Beetle plastic or Plaskon sets. Thanks. Jon Steinhauser, 636 Westminster Rd., Baldwin, NY 11510. (516) 223-9878

WANTED: Output transformers for tube audio by UTC, Peerless, Dyna, Acro, etc. Steve Melkisethian, c/o Angela Instruments, 10830 Guilford Rd., Suite. 309, Annapolis Junction, MD 20701. (301) 725-0451. Fax (301) 776-2892

FOR SALE: Fine Tuning's Proceedings, four books: 1988, 1989, 1991, 1992-93 – $25 ppd., for all four postpaid. Ken Greenberg, 4858 Lee, Skokie, IL 60077. (708) 679-8641

FOR SALE: Sams books; AR's, MHF's, TR's, TSM's. Miscellaneous radios, SASE for lists. Kevin T. Schroeder, N8SXU, 517 E. 2nd St., Ottawa, OH 45875. (419) 523-3481

WANTED: Base/driver for Magnavox M3 Or M4 horn speaker. Vernier knob/dial and pointer for Westinghouse RC. Knob(s) for Majestic 90/91. Thorola horn speaker. Muter loop antenna. 8-inch electromagnetic speaker. Crank phonographs and parts. R. A. Rubin, 1810 Galloway Ave., Memphis, TN 38112. (901) 274-6924

WANTED: Radiola 60 and Freshman Masterpiece. W. Daum, 804 DeCamp Ave., Schenectady, NY 12309. (518) 374-3625

FOR SALE: Pa-Kette, pink 888, tan 500, offers, plus traditional array of superb radios. Radioactivity lives! Henry B. "Mister Transistor" Cohen, 2459 Eighth St., Fort Lee, NJ 07024. (201) 585-0030. Fax (201) 585-1659

FOR SALE: Entire radio collection for immediate sale: radios from 1930's and 1940's (a few 1950's), including tabletop, console, SW, cathedral, etc. (90+ radios). Nick Blanda, 1510 Garden Dr. 33-7, Ocean, NJ 07712. (908) 922-2366, Mon.-Sun. 10 am-6 pm; (908) 493-9365, eves.

WANTED: Philco 90 cathedral; complete and with nice cabinet. Paul Geraghty, 1245 Lyon Ave., Waterloo, IA 50702. (319) 233-3520, 9 am to 9 pm

WANTED: Manuals for Hammarlund HQ-180AC, Heathkit SB-620 oscilloscope. **FOR SALE:** SASE for radio list. Tony J. Schroeder, N8SNC, 722 S. Clay St., Delphos, OH 45833. (419) 692-1792, evenings

WANTED: Manuals for Lectrotech SMG38; CM2 counter, mfg. by Analog Digital Research, Toronto, Canada. Robin Hannah, 3285 W. Dudley, Fresno, CA 93722. Machine/fax (209) 275-2834

FOR SALE: Radios for sale: 1. Midwest 18 tube, 2 speakers working – $550. 2. Arkam horn repainted – $225. 3. Grebe Synchrophase – $250. Waves, 32 E. 13 St., New York, NY 10003. (212) 989-9284. Fax (201) 461-7121. Shop hrs.: 12-6 Tues.-Fri., 12-5 Sat.

WANTED: Crosley consoles, Models No. 1336 or 1516. 8 1/2" convex dial glass. Peter Palm, 4900 Madison Rd., Madisonville, OH 45227. (513) 561-4411

FOR SALE: Tubes, used: 5V6, 12V6, 12L6. Old automotive and other controlled heater warm-up types; ballast; vibrators, Mallory 3-prong & 4-prong. Let us know your wants. Power Bros. Electronics, PO Box 70, Gladys, VA 24554-0070. (804) 376-2405

FOR TRADE: Tektronix 661 scope for nice table radio. **FOR SALE:** AK 43 works great! Bob Sherman, 105 School St., Lebanon, NH 03766. (603) 448-1400

WANTED: Still wanting any of these $100+ transistor radios: Arvin 8576 or 9577; vinyl-covered Bulova 250 ($300); Emerson 849 or 999; Firestone F-4D; Motorola 7X24W; and RCA 7-BT-9J. Bill Burkett, PO Box 1204, Peoria, AZ 85380. (602) 878-7386, fax (602) 486-4484

WANTED: Need a chassis for Emerson tombstone AU-190 or BT-245. This came in a wood version too. Also looking for an RCA 44 microphone in any conditon. Thanks. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

FOR TRADE: Radiola 26-24-2. Zenith 500s, Emerson 888s. Early Motorola, TR1s. **WANTED:** Radiola I. Grebe CR 18. Sony CRF1, CRF230, CRF320, CRF330. Phillip S. Gilliana, 5733 Warren Ave., Morton Grove, IL 60053. (708) 965-7327

WANTED: Western Electric 171A, 166A and 166B output transformers. Buy yours or sell mine. Thanks. Nick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

FOR SALE: Stromberg-Carlson 515-M console, complete with both chassis and back panel, nice, untested, needs capped – $395. Terry McGee, 101 Castle Dr., Madison, AL 35758. (205) 830-8040

FOR SALE: Old Army 16mm projectors & 35mm slide projectors. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

WANTED: Offering up to $200 for N.O.S. WE 300 A/B tubes, to $4,000 for WE 1086A amps. $50 for N.O.S. KT88, $35 KT66. $35 Tungsol 6550. I will pay a finders fee on these and other audio items. I will also top other offers on: Radiocraftsmen amps, WE 86, McIntosh MI200, Hadley, Regency 1000, Triode and single ended amps. Fisher stereo tuners and amps. Barber & Howard, R.E.L. tuners. Dukane Ionovacs, field coil speakers by RCA, Altec, Jensen, etc. Acro TO330, Partridge & U.T.C. xfmrs. Other tube equipment by: McIntosh, Marantz, Leak, Scott, Eico, Altec, Fairchild, Patricians, J..B.L., Tonnoy. Ed Schneck, 1401 Ocean Ave., Brooklyn, NY 11230. (718) 377-7282, weekdays 2-6 pm or leave specific message!

FOR SALE/TRADE: Emerson AU190, green – $3,250. Emerson AX235, yellow black – $1,050. Fada 845, marbled cream/bright red – $525. Detrola Jr., bright red, black knobs, possible one of a kind. Fonz jukebox transistor with box – $55. Old Par transistor – $55. Detrola Super Pee Wee brown with cream knobs – $325. Red Catalin sun lamp timer looks exactly like Crosley Catalin split grille radio – $325. **WANTED:** Beetle plastic and unusual prewar plastic sets. Mark Alzapiedi, 21 Peach Tree Ln., Leominster, MA 01453. (508) 840-0466

WANTED: Radio-Glo orange/white panels, chrome parts. Imperfect Catalins/Spartons/Deco that display well. Kevin Dooley, 4303 Diamond Head Rd., Business Education Division, Honolulu HI 96816. (808) 734-9313

WANTED: Rare or unusual horn speakers, Emerson Baby Grand, AK breadboard with Bakelite board, bicycle radios. Will pay cash or have good horns and radios for trade. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

WANTED: Desk stand Type 9I-A for RCA 44 BX. **FOR SALE:** Cushion Assembly Stock No. 58872 for RCA 44BX. Marcel Vallee, 703 Boul. St. Germain, Rimouski, Quebec, Canada G5L 3S6

WANTED: McIntosh 60 hi-fi amplifier. Will pick up within 200 miles. Frank Czaja, 8968 West Forest Home, #4, Milwaukee, WI 53228

FOR TRADE: Zenith Wavemagnet antennas, DeForest Electronics Course 1930s, Coyne TV Course 2 Vol. 1954, American Television Institute Course 1930s, (6) old fans, CRT rejuvenators, brass fire extinguisher, copper kerosene lantern, Precision E200 sig. gen., Federal police rcvr, physiotherapy machine, tungar power supplies, antique tachometer, brass shaft-replacement kit, Weston VOM 1944, 1953 Hotpoint TV, Sparton radio/phono, Sentinel radio/phono, Philco chairside, various student manuals, books. Will trade for slide rules, slide rule books/literature. Can deliver to Milwaukee. Steve Leffel, 1790 Edison, Green Bay, WI 54302. (414) 465-1855

FOR SALE: AK 84 chassis – $75. B&K 440 cathode rejuvenator tester – $25. Postage extra. Jeff Gentry, 708 Locust Ave., Charlottesville, VA 22902-4913. (804) 979-0699

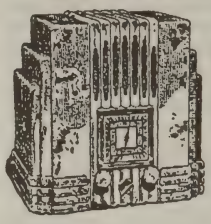
WANTED: I will pay top dollar for either of the pictured wood mini-tombstone radios. Will settle for ones in salvageable condition. Please don't hesitate to call or write me with information. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

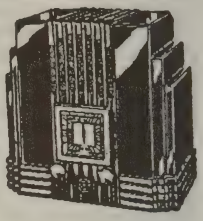
FOR SALE: Portables illustrated in The Portable Radio in American Life. Setchell-Carlson 447 – $50, Automatic C65X – $65, Philco 53-658 – $45. Fada D100 – $55, Sparton 6AM06 – $55. RCA Globetrotter 8BX6 – $50. Emerson 505 – $50. Zenith 6E40 – $70. Automatic Cameradio, N.I.B. – $225. Revere 400 – $200. Westinghouse H-185 – $60. RCA 8BX5 – $55. Firestone 4C13 – $45. RCA 9BX56 – $60. Motorola 63L2 – $60. DeWald E57 – $60. RCA 2BX63 – $45. Zenith L406 – $55. Sentinel 319P – $85. CBS-Columbia 5220 – $75. Sylvania 454 – $135. RCA B411 $50. Dick Tracy, boxes and assorted radio parts – $100. Raytheon 8TP1 – $350. Zenith Santa Monica – $75. Bulova 204 – $65. Arvin 8571 – $50. Motorola 55B1 – $75. Motorola 55L – $75. Motorola 56L, all 4 colors – $500. Motorola 56M3 – $75. Michael B. Schiffer, 2718 E. 10th St., Tucson, AZ 85716. (602) 325-3532

WANTED: For Colonial New World Globe. Standard brown Bakelite base molding and metal knobs. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558. (707) 226-2550

WANTED: Heathkit bench type vacuum tube voltmeter. Good condition, working, calibrated, with manual. Rod Kennedy, 2 Teodora Ct., Moraga, CA 94556. (415) 376-7885

WANTED: Working chassis for Grundig-Majestic 4192, junker body OK. Ed Kalpakian, 4622 Melbourne Ave., Los Angeles, CA 90027





FOR TRADE: Ultra rare sets! Australian Radiolette tombstone in marbleized ivory, lustrous black, brown. More stunning than Air King! Also circular Ecko (others), Philips 930, 830, 834, 630, 634, 636, 274, 730, 962, Philco People's set, Emor Globe, many stylish 1930's. Also 1920's, including Marconi V2, Gecophone, rare crystal sets/speakers. Want quality Catalin and novelty sets to trade. Hurry! Simon Wade, "Finchcroft," Broadwater Down, Tunbridge Wells, Kent TN2 5PE, United Kingdom. (44) 892 543505, evenings

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WANTED: Horizontal oscillator AFC transformer for 1949 Zenith TV Model #28T962R. Zenith Part No. S-15041 or equivalent. Also need Radiola UZ1325 or UX-1320 horn speaker in good working condition and Zenith table radio Model #6D315-U (Collins' Radio Golden Age, p. 38), working or not working. Call or write. Colin Stump, 1053 James Rd., Lancaster, OH 43130. (614) 654-8319

FOR SALE: Pamphlets (all copies); Warped Records Straightened, plus Record Care – $10; 101 Ways To Use a VOM & VTVM – $10; Tube Substitution Guide 1963 – $5; 1923 ERA 100 Radio Hookups – $10; 1931 How To Use Radio Set Analyzer – $10; Sams DC-1 (1938 to 1947) Dial Restringing Guide – $15; Sams DC-2 Restringing Guide – $10; Sams TP1 Radio-Tube Replacement Guide (1938 to 1948), 1880 sets listed – $20; RCA Service Guide & Tips (CTC 2 to CTC 17) and (CTC 18 to CTC 38) – $10 ea. Send LSASE w/58¢ postage for our Technical Book List. Sams Restringing Guides DC3, DC4, DC6 and DC8 – $10 ea; dial belts, fabric – $5 ea.; phonograph needles for all players; 45 adapters for phonographs. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: E.H. Scott pictured w/wo chassis. Cash or trade. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

FOR SALE: Sencore CR 143 CRT tester with instructions – $30. Sentinel black table radio, has handle, upside down dial, pointer on top, numbers on bottom, old – $35. GE clock radio, white, Model C415C – $30. Admiral Model Y3006, yellow, mint – $25. All sets work, plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

FOR SALE: RCA WV98C operating and maintenance book – $10. Radiola Superheterodyne AR812 – $150. Grebe MU2 cabinet – $50. Arcturus Blues – Offers. Radiola 60 – $200. Scott Stereomaster Type 299C. Scott Stereomaster Type 340 tuner amp. RCA 9T240 TV, 7T122 TV. All original. Frank D. Atwood, Nostalgia Radio, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

FOR SALE: Hammarlund HQ110, very nice – $100 or BO. **WANTED:** Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: Fada Catalin radios. Models 115, 200, 1000, 188, 136, L-56, 252, 652, F-55; 5F60 and 5F50. Immediate cash paid. Please write or call: Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

FOR SALE: Plastic reproduction dial covers for Emerson 375, 400, 520, Fada 1000 – $12.50 ppd, others with old cover or drawing. Doyle Roberts, HC63, Box 236-1, Clinton, AR 72031. (501) 745-6690

FOR SALE: Fada Bullet maroon & yellow, excellent original cond., no cracks or chips! – $595. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

WANTED: Plug-in RF transformers #4 and 5 for D-10 DeForest. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

FOR SALE/TRADE: Philco Model 50-1428 wooden table radio/phonograph, good condition, radio/phono plays – $35 plus UPS. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821

WANTED: Signal generator, Genometer Model TV-50, Superior. Signal generator Model 666, Supreme. Tone control for AK Model 82. Dual potentiometer 1000 ohm, 250K for a Model 315 Eico sig. gen. Paul M. Williams, 2364 Beaver Valley Pike, New Providence, PA 17560-9622. (717) 786-3803

WANTED: Philco 37-116X, working or easily restorable. May consider 37-116, 37-9X, 37-10X, 37-11X. Will be at Elgin. Dick Friedman, 1502 Elmwood Ave., Wilmette, IL 60091. O: (708) 803-3050); H: (708) 256-1432

WANTED: Copy of operating manual and schematics for Hickok Model 288X signal generator. **FOR SALE:** Stromberg-Carlson Mod 1101, ivory new paint, works good – $40. Mitchell, 1251 Lullaby, new paint, new bulb – $55. Dahlberg 4130-D1 pillow speaker, works, green plastic missing under dial – $150. William Gebhardt, PO Box E, Liverpool, PA 17045. (717) 444-3403

CLASSIFIED AD NOTICE
Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

FOR SALE: DeWald Model A502, yellow & orange swirl, plays strong, hairline crack by on & off switch – $225 neg. George R. Kollar, 137 Harris Hill Rd., Shavertown, PA 18708. (717) 696-2523

FOR SALE: Private-ear attachment N.I.B. – $25. Emerson 652B – $40. Silvertone 3007 – $30. Philco 52-540 – $30. RCA 5X562 – $40. Abbott's Radio Map Log 1920's – $30. Postage extra. R. C. Moore, 452 West Park Ave., Aurora, IL 60506. (708) 264-0488

WANTED: Lyric Radio, early 30's table midget set similar to Model C-4-L1 but made of an early plastic material. Sonny Clutter, 14407 N.E. Fremont St., Portland, OR 97230. (503) 254-9296

WANTED: Coca Cola cooler radio, cabinet only. **FOR SALE:** Rider manuals, 1000+ radio tubes. Call or send SASE with your needs. Bill Wieczorek, 1116 Cummings Dr., Boulder City, NV 89005. (702) 293-2548

FOR SALE: Stromberg-Carlson SFR-694 BB 6-15 – $75. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

E. H. Scott Grille Cloth
is here at last!

Two years in the making, involving many major textile designers in the US and Canada as well as the help of the E. H. Scott Historical Society. Fabricated by one of the U.S.'s oldest and best textile design firms with a history of premium workmanship. This is the most accurate replication possible. Hand-crafted entirely in the USA using the finest of original materials and the same type of Jacquard loom used to make the original Scott cloth in the 1930s.

A 4x4 sample is available for $1 (refunded with order) plus SASE.

John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002

FOR SALE/TRADE: Polydyne S-G-15; Emerson AX212; Deluxe Worldmaster tombstone; Crusader (Climax); Coronado 3-tube tombstone; bottle radio, Berkshire, Homestead radios; Zenith 6D411; Truetone D1124, N.I.B.; Emerson green swirl Plaskon record player; Stewart-Warner B61T2 Bakelite plus Sonora, Motorola, and Zenith Bakelites; Crosley Fiver; signs - lighted RCA and Crosley w/clock. Twenty + transistors including some N.I.B. Jack and Karen Stafford, 2308 Stardust Ln., Grand Island, NE 68803. (308) 384-8104

FOR SALE/TRADE: Trophy baseball radio, vg-exc cond., all original, complete, working – $950, Offer. Grunow 500, chrome grille, absolutely mint orig. & working – $325. Majestic 44B, aluminum grille, complete, original, working – $175. Stewart-Warner R123 aluminum grille, unique rope turn wood around inset grille, needs restoration – $225. Radiola III, complete w/ good 99's, adaptors & phones – $135. AK 30, mint cond. w/ good 01-A's – $150. Tower Midget celluloid horn, orig., working, has minor flaw – $125. **WANTED:** 1937 Fada console radios & Arvin Rhythm King. Dave Christensen, 1732 W. Minnehaha Ave., St. Paul, MN 55104. (612) 646-0908, eves.; (612) 644-8341, days

WANTED: Beetle plastic or Plaskon radios by Kadette, Detrola, Majestic, Sparton, Silvertone, RCA, GE, Admiral, Sonora, Firestone or ??? I have some great trade items or cash. Please call or write: Jon Steinhauser, 636 Westminster Rd., Baldwin, NY 11510. (516) 223-9878

FOR SALE: We have just located 150 N.O.S. BSR-type phono cartridges that produce about 2.5 volts. They will replace the old 78 rpm cartridge used in most old phonos. The flip over stylus is for 33/45 but will still play 78's. A mounting bracket (included) mounts it to the old screws. The price is $12 ea. or $50/5 pcs. ppd., 'til they're gone. Our Gernsback, Official Radio Service Manual indexes and service magazine indexes are still available (exclusively from us!) at $12 each or $22/both ppd. Michigan residents add 4% tax. Send two stamps (no envelope) for our latest flyer of discount capacitors, knobs & grille cloth. Antique Audio, 41560 Schoolcraft, Plymouth, MI 48170

FOR SALE: Thinning collection; Philco cathedral, 89-123 – $189. Zenith "blackdials" table models and chairside, Airline Bakelite "twins," 14-BR-734A – $139, 64-BR-1514 – $129; Radiola 16, sell or swap for 20. **WANTED:** Army WWI crystal set BC-14? Zeniths, Hallicrafters portables...S-36, S-29... Send $1 for superlist. Steve Lipsky, 1254 Cox Rd., Jenkinstown, PA 19046-1207. (215) 884-1817

WANTED: Rider Radio Manual Volumes 3 and 5. Ed Martin, 485 Benwood Hill Rd., Benwood, WV 26031-1301

FOR SALE: Crosley Oracle grandmother clock radio, good condition, radio and clock work fine – $575. Zenith 5808, black dial console, good condition – $150. RCA 2-T-51 12" Bakelite TV, good condition – $75. Above pick up only. Send SASE for list of novelty transistor radios. Rick Weibezahl, 305 Belvidere Ave., Washington, NJ 07882. (908) 689-3276

FOR SALE/TRADE: Craftsman tuner, Model 800. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: Rider's Volumes 20, 21, 22, 23; Philco 90 cabinet. Pay top dollar. David Boyle, 7169 W. David Dr., Littleton, CO 80123. (303) 979-5403, evenings

FOR SALE: Standard "X", nice, runs exc – $475. Seeburg #100 jukebox wall unit, nice chrome – $125. Large, ornate VV XVI Victor phonograph, 1910 model with L doors, runs exc, cab. solid finish checkered – $650. Turner Dynamic Bullet mike #S220 – $40. 1940 Stromberg-Carlson Cradle phone – $65. Admiral 20X12 10" TV, Bakelite table model – $50 + heavy shipping. Radiola 18 w/lamp hood U/T – $60. Phono adapter arm for playing lateral 78's on Edison machines – $65. **WANTED:** Base molding for Philco 90. Music Master wood bell with ring (any type). Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229

FOR SALE: RCA Model 5T tombstone, cab. needs veneer work, chassis complete w/tubes and speaker – $50 or BO. Joseph Gambaccini, 192 Division Ave., Shelton, CT 06484. (203) 924-0271

WANTED: Hazeltine the Professor, Wheeler, 1978. Early Days of Wheeler and Hazeltine Corp., Wheeler, 1982. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

FOR SALE: H.H. Scott 299D tube integrated amp w/ cabinet, NR – BO. Advent #500 SoundSpace DSP system, untested – $25 each, $40 for 2. Magnavox CR197 AM-SW (5-18 Mc.) chassis, with speaker, 1940's – $30. Zenith console-type 4-turn loop antenna – $8. Heath IT-11 capacitor checker – $15. Walnut audio-component cabinets – $5 each. Shipping additional. **WANTED:** Klipschorn, 1950's-1960's; toy electronics/ radio kits (Remco, etc.) Dave Minchella, KE2GE, 80 Campfire Rd. N, Henrietta, NY 14467. (716) 359-3337

FOR SALE: Novelty radio that looks like a ring mounted microphone, 12" tall with top section that lights up in red with the word "Broadcasting", N.I.B. – $25 plus $4 UPS; Camus liquor/cognac bottle radio, N.I.B. – $25 plus $4 UPS; Polaroid novelty radio, N.I.B. – $7 plus $4 UPS; Wireless antenna reels that were used in open cockpit U.S. military biplanes during WWI, beautifully engraved with all nomenclature and dated 1918 – $35 plus $4 UPS. Norm Hertz, 4904 Amboy Rd., Staten Island, NY 10312. (718) 967-1025

WANTED: Book and schematic for RCA Senior Voltohmyst Model WV-98A, WV-97A, Heathkit VTVM V-7A. Richard J. LaMark, 6822 Tuckahoe Rd., Williamson, NY 14589. (315) 589-2552

WANTED: Plan for back of Emerson EP-375. Picture of Majestic 72. N.O.S. cloth headphone cords. Herman Gross, W9ITT, 1705 Gordon Dr., Kokomo, IN 46902. (317) 459-8308

FOR SALE: Enlarged Radiola III diagram with fully itemized parts list – $3 plus LSASE. Free literature list included. David P. Smith, Box 81, Olney, IL 62450. (618) 392-6601

FOR SALE: Tombstones: Emerson (E.O.R., p. 136), br. – $75. RCA 119 – $95. Stromberg (E.O.R., p. 187), MR – $35. Joe Quinn, 30314 Westlawn Dr., Bay Village, OH 44140. (216) 835-8420

WANTED: Hickok 539C or 532 tube tester, Collins R390A, Hammarlund HQ-180, Hallicrafters SX-100. Thanks. Kevin Kukowski, 7903 W. Layton Ave., #281, Greenfield, WI 53220. (414) 543-3614

FOR SALE: National SW-3, with power supply and (3) sets of coils in original boxes and original paper work, very nice – $450. Jeff Buda, 44 W. Main St., Vergennes, VT 05491. (802) 877-9237

WANTED: Amrad 3366, AK crystal detector, Cutting & Washington II, Crosley crystal set, Federal 60, Kennedy 311, Martian American Beauty, Radiola VII, Tuska 220 and 227, Westinghouse AR and RT. Plus many others. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

WANTED: Tubes; Western Electric or transmitting, communication, military surplus, whatever, large, small, few or many. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

FOR SALE: Cathedrals: Philco 84, Philco 60, GE-K63 and U.S. Apex. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6038

WANTED: Cabinet complete for Hallicrafters S-9 or SX-9, will buy entire radio if necessary. Dick Igou, 8435 Twisted Oaks, Garden Ridge, TX 78266. (210) 651-9049

WANTED: Dyna ST-70 amps. Can be non-working, rusty, missing circuit board, etc. No tubes? No problem! Must have good transformers. Paying at least $100 each! Steve Melkisethian, c/o Angela Instruments, 10830 Guilford Rd., Suite 309, Annapolis Junction, MD 20701. (301) 725-0451. Fax (301) 776-2892

FOR SALE: Kersten speaker, #7, Kalamazoo, Michigan, 14 x 21 rectangular mouth, looks like a tuba, w/ 1000 ohm Utah driver; it is big; no collection complete without this one – Best Offer. Local pickup. **WANTED:** LC-2-1P or 10-LCP probe for Jackson CRO-2. Earl Ladendorf, N9LIK, 16531 88 Ave., Orland Park, IL 60462. (708) 532-6633

WANTED: Manual for 40-80 meter Cliff Dweller rotary antenna, copy OK. Pat Stewart, W7GVC, 1404 Ruth Ave., Walla Walla, WA 99362

WANTED: Parmak radios in good, complete, working condition. Donald McCrory, 10213 Foster, Overland Park, KS 66212. (913) 381-9916

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FOR SALE: BC 453B – $45, RCA Stratoworld RJM68E – $65, Hallicrafters S120 – $65, Heath 2M Lunch Box – $35, Geiger counter – $37.50. Ernest Odeneal, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 5788

WANTED: Hammarlund HQ-180A receiver in excellent condition. Write with price. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919

— WANTED —
PICTURES FOR PHOTO REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR ADDITIONAL INFORMATION

FOR SALE: Rider chanalyst with manual – $20. 6D5 metal tube-prototype – BO. 500 mA neon sign transformer – $12. Midwest HH7 Deco tombstone chassis & speaker – $45. Eico HF-20 power amp, ultra-linear – $45. Eico HF-87 manual – $5. Heathkit Multiplex unit – $10. HF-85 preamp with manual – $20. Harman Kardon Citation I preamp, with manual – $60. Harman Kardon Citation II power amp – $400 or BO. Large Bell audio amp #220BO, digital VTVM, uses Nixie tubes – $15.

WANTED: Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: Catalin radio parts: knobs, handles, grilles, cabinets, chassis. Please write or call: Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

HELP: I need a drawing diagram of how the string rigging is attached to a Mark Twain paddle boat novelty radio. Rich Erickson, 2002 S.E. 5th St., Des Moines, IA 50315

WANTED: Philco 41-81, Motorola A1, 1941, 5A7, Arvin RE6. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagono-shi, Osaka, Japan 586. 0721-52-4695, eves., local

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FOR SALE: Consoles, can be delivered to Elgin; American Bosch lowboy – $45; Airline lowboy – $80; American Bosch 260 – $60; Small Delco – $65; Philco 77 – $50; Brunswick 22 – $50. GE F-85 – $65; nice Silvertone – $75; Philco 116-122 11 tube – $95. John Lyle, 1161 S. W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

FOR SALE: We are issuing the following technical book catalogs over the next several months. If you are not on our mailing list, send 29¢ in stamps, no SASE, for each list wanted: Power: Electric Power Machinery; Boys: Boys books on radio, electricity and science; Radcat: Radio Catalogs; Teleph: Telephone and Telegraph; Radio: Radio and wireless. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447

WANTED: E.H. Scott. I am interested in buying the following chassis in good condition, 12 Deluxe, Allwave 15 & 23, AM Philharmonic. Thank you. Ed Gardner, 103 Lordship Rd., Stratford, CT 06497. (203) 381-9619

FOR SALE: Fada #1000, maroon/yellow – $700; all onyx – $1,000. Large Addison, black/yellow – $1,100. AK 84 cathedral – $425. All exc cond. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

FOR TRADE: Vintage and PC computers for prewar Hallicrafters, National, other Allwaves. Jim Dillon, 201 Seward St., Juneau, AK 99801. (907) 586-3223

WANTED: Emerson Model BA199. Also Motorola Model 7X23E "portable". Jim Martes, 1022 E. Hayward, Independence, MO 64050. (816) 836-0668

WANTED: Philco #84 speaker. Also complete chassis without tubes for Philco #84. Schematic for Grundig Model RF260U stereo. **FOR SALE:** Motorola telephone, Motorola logo printed on front with two knobs on each side, vol., other(?), mint – $40 + S&H. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198

FOR SALE: Collins radio gear: Model 212A-1 broadcast console. Model 212B-2 broadcast console. $1,500 with accessories. Collins broadcast phono equalizer. 516F-1 power supply cover. HF table rack cabinets. Bill Coolahan, 1450 Miami, Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

WANTED: Paying top prices for quality radio collections. Have cash flow & travel anywhere U.S.A. Confidentially assured. Contact: Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: Crosley cathedral Mod #148, nice condition – $225. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: RCA-T60 wood, vg + slight veneer chip on side – $75. Emerson 543, vg, repaired rear chip – $30. Emerson 503, wood, g/vg – $25. Crosley Duet, crack – $50. Motorola 57X12, excellent, restored – $50. Admiral 5J21, exc – $25. Silvertone 2004, exc. – $25. Sanyo AM/SW blue, tuning eye, vg – $45. Philco 40's, portable, g – $18. Bogen AM/FM stereo rec., exc – $85. Kenwood 5066 reel-to-reel, vg – $125. Plus shipping. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

WANTED: Help, I need cabinet only for Philco 70 chassis for Gulbransen 130 - 1931. Tin box & lid for Philco 514 or 77. Barry Houston, 46 Croydon St., Christchurch 2, New Zealand. Phone: 03 3324:730

FOR SALE: R-390A part, Collins manufacture PTO – $60. Complete, mechanical filters, 2K – $25, 16K – $10. Will trade for WWII military items. Samuel M. Hevener, W8KBF, The Signal Corps, 3583 Everett Rd., Richfield, OH 44286. (216) 659-3244

FOR SALE: Howe crystal set, Fada crystal detector, Freshman crystal detector, Motorola metal sign, Philco neon sign, Peter Pan cathedral. Send SASE for large list of other items! Jerry Finamore, 87 Stonewood Pl., Catasauqua, PA 18032. (215) 264-8412

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WANTED: UTC LS40 or LS25 interstage transformer. Peerless 226Q output, 1950s jazz LPs. **FOR SALE:** Heath A7 amps – $65 pair. Mark van Roojen, PO Box 83836, Lincoln, NE 68501-3836. (402) 438-3724

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FOR SALE: Knight signal tracer – $35. Eico signal tracer Model 147-A – $35. Heath T-4 signal tracer – $27.50. Heath RF signal gen. 1-G-102 – $35. Heath signal gen RFI – $35. Cornell-Dublier BF50 cap. analyzer, old – $35. AK Type K ign. coil on arm missing – $35. Dayton Dick Co. ign. coil, works – $25. (1) coil ign.; 1 coil Jefferson elec, 1 works, both coils – $17. Lemke 1 1/2" spark coil – $50. Ford T coil – $20. Uncle Sam 3 circuit coil – $20. (3) Songbird SLF var. conds. – $12/3. Original Mignon var. cond. – $10. Lots of set builders parts. (5) assorted radio quack items – $25. Leeds and Northrup prec. res. box and Wheatstone bridge test unit, no lid or stamp – $22. Telegraph sounder stamped PRR Altoona Shops 5106 – $75. AK V5 driver units fits on old phono sound arm – $35. Clean good not frozen. General Radio 602-N res. decade box – $25. Mercury 501 component substitutor box – $22. Roll radio solder – $6 pound. Solar cap. analyzer and res. bridge Model CB – $37.50. Precision 920 dynamic tube tester, port. roll chart, papers – $60. 100 feet brown 27 GA Litz wire – $5. Old ICA super converter one tube shortwave converter for police broadcast adaptor w/tube – $27.50. RCA Radiola 28 top lid – $10. Have AK power units from Model 46. RCA power units from 17, 18, 33, 46. (5) magnet Stromberg-Carlson Tel. Mfg. Co. magneto logo plate 4 3/4" x 2 1/4" – $35. Radio-Lite-Tenna lamp – $35. Small toy mics, used – $15 ea. N.O.S. w/box wire recorder unit, no amps – $30. Brass base, no tip 301-A, good fil – $25 ea. Assd. makes 201-A Type – $7 ea. Metro Elect. Co Jr. crystal set solid DE7 not orig. – $90. Scott H.H. amp Model 240 – $70. Radiola IIIA radio, needs 2 audios (missing) and shock mounts. – $45 Sherwood FM tuner Model S3000 – $45. Sherwood amp Model S1000III 40 watt amp – $50. Have 1000's of unlisted items, write wants SASE. Have tubes, parts, service data. 1 pound resistors – $4.50. 1 pound bypass condensers – $6. Following lists SASE for each list: old test eqpt., amps tuners, horns and speakers, crystal det's., crystal set, keys sounders, book - magazines. Lab quality test eqpt. list(s). min. orders – $8. Shipping extra on all items; some items will be pick up only. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400, 9 am to 8 pm EST

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WANTED: Hickok 530 instructions, Century CT-1 condenser tester schematic and instructions, 484's, 485's. Thanks. Wilbert K. Kimple, 3015 Kelsey Creek Rd., Spartanburg, SC 29302. (803) 585-6465

FOR SALE: (2) GE Pyranol filter capacitors, 10 mFd, 600 DC working – $10 ea. Bill Riley, 863 W. 38th Ave., Eugene, OR 97405

FOR SALE: DeForest D-10, no antenna – $550. Eveready 20 – $90. Majestic 50 – $175. AK 33 – $60. Crosley Gembox – $70. Philco 20 chassis – $80. Grebe Synchrophase parts – $40. Freshman Masterpiece parts – $20. Precision Apparatus E-400 sweep gen. – $15. Riders 1-5 abrid. 6-14 – $175. All plus shipping. **WANTED:** Filament rheostat & RF coil for Crosley VIII; audio transformers & Bakelite chassis for DeForest F-5; Ware Type T cabinet, dials, front panel. Don Sturzenbecher, Rt. #3, Box 28, Sioux Falls, SD 57106. (605) 368-2135

WANTED: Oldsmobile auto radios: #982700 (1951/52), #983091 (1954), #983205 (1955), #983336 (1956), #989002 (1957). Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

WANTED: White GE H500, need not work. Will pay reasonable price. Thanks. S. Martinez, 7610 Cameron Rd., 1008, Austin, TX 78752. (512) 454-9302

FOR SALE: Stromberg-Carlson pre-WW2 chassis, power supply, speaker, no tubes – $35 plus UPS. Jack Shaymow, Vintique Electronics, 52-C Tilford, Deerfield Beach, FL 33442. (305) 427-1222

FOR SALE: Signal Corps tube tester 1-177-A, excellent condition, shows no wear. Ken Flockhart, 425 South 18th St., Fort Dodge, IA 50501. (515) 573-5477

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FOR SALE: Hallicrafters speaker PM-23 – $100. Hallicrafters speaker PM-8 – $125. Collins radio black krinkle lab spkr – $75. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

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SERVICES: Amateur radio repair, tube or transistor, most models maximum charge $96. Dan Rupe, W7HBF, 1302 S. Uplands, Camano, WA 98292. (206) 387-3558

FOR SALE: RCA MI-4288-KY amplifier; General Electric E-61; Crosley 9-106W; Grundig Type 97a; AK E3 speaker; Precision 10-15 tube tester; Philco 50T-1403 TV; Silvertone #1 metal brown; Philco 42-PT91; Freshman Master B power supply; Philco 41-250; Fisher Model 100 amplifier; Westinghouse H-122-A; Shure Unidyne 580 SA mic; Astatic mic; RCA 721TS TV; Amperex ZB-3200 transmitting tube; Adcom GFA-535 stereo amplifier; Commodore Plus 4 computer; KLH Model Six speakers (pair). Call: John Kummer, WA2OJK, 23-35 Bell Blvd., Bayside, NY 11360. (718) 428-9070

FOR SALE: Atwater Kent Model 40, plays and looks like new – $100. Lafayette HE-50 10-meter transceiver – $85. Small Hallicrafters S-120, nice – $50. Knight R-100A receiver – $75. **WANTED:** Howard receivers Model 450A & 460, others. Fred Hegel, 1901 Frank Pl., S. Daytona, FL 32119. (904) 760-7632

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FOR SALE: Sparton Equisonne Model 301 console in excellent orig. cond. – $800. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

MESSAGE: The programs for Extravaganza '93 are all set. "Professor" John Reinicke presents another segment on radio repair, while Mark Oppat returns with his "Mr. Fix-it" ideas, and Steve Gwost will share his expertise and experiences with wires and wire recorders. For further information, write: Extravaganza '93, P.O. Box 585, Okemos, MI 48805-0585

FOR TRADE: White and red Detrola Pee Wee and Lemco crystal set. Johnny Johnson, 2201 Newton St., Denver, CO 80211. (303) 455-3421

WANTED: Wooden sets with chrome grilles and Arvin metals. **FOR SALE:** Red Emerson AX235 Catalin. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

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FOR TRADE: My 1924 and 1925 issues of Wireless Age magazine for your pre-1933 issues of Radio Retailing magazine. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432. (612) 571-1387

FOR SALE: Riders manuals 7 to 15 – $15 ea. + UPS. Index 1 to 10 – $5 + UPS. Elmer W. Schurman, 16424 N.E. 239 Ave., Brush Prairie, WA 98606-9776. (206) 892-7230

WANTED: Schematic for Harman Kardon Trend II int. amp. Also, manual for Fisher 80T tuner-preamp (copy OK). Jon Fjortoft, 204 N. Kenilworth, Oak Park, IL 60302. (708) 383-5423

FOR SALE: Over 150 radios, TV's, test equipment, misc. SASE for illustrated list. **WANTED:** Detrola advertising, Detrola 7901 FM. Detrola TV. DuMont RA103. Chatham TV. Firestone 4A12, 4A17. Philco 20 cathedral cabinet. Philco 70 chassis. Philco Flybacks 32-8830-3, 32-8853-1, 32-8899-1, Fly 196, HO346. Zenith 1203 chassis for 12U159. Rider's 18-23. Dennis Smith, KN8H, Box 113, Trenton, MI 48183

WANTED: Supreme and Philco test equipment. Also any manuals and advertising for these items. Bruce W. Eddy, 2590 W. Needmore Highway, Charlotte, MI 48813. (517) 543-3021

FOR SALE: Zenith transistor 500E – $80. Temple metal – $90. Airline Bakelite, red and white (Collins, p. 113) – $95. Silvertone Model 6002, metal, gray – $85. Zenith Trans-Oceanic A600, average – $50. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

WANTED: Hammerlund Super Pro general coverage receiver. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

WANTED: Junked 6S532 for parts; NC33, in working condition. R. Kirk, 24114 Scrivener, Katy, TX 77493. (713) 347-2446

FOR SALE: 100's tubes, training manuals, Knight SW, Heath test equipment, shop full of parts, more – LSASE. J. Lamping, PO Box 26061, Fraser, MI 48026

FOR SALE: General Electric Catalin Model L571, louvered grille, handle, no cracks, works, butterscotch – Best Offer. James Martes, 1022 E. Hayward, Independence, MO 64050. (816) 836-0668

WANTED: Allied Radio catalogs: 1955, 1959, trade my extras, or $ cash. Jim Riff, 81 N. Ela Rd., Barrington, IL 60010. (708) 480-3526

WANTED: Buying pre-'53 TVs in Midwest, can pick up. Need early 21" color set. Glenn Bubenheimer, 27851 Terrence, Livonia, MI 48154. (313) 421-5574

FOR SALE: LSASE for literature, magazines, etc. List. Michael Crain, RR 1, Box 472, Harveys Lake, PA 18618-9782

FOR SALE: Bulova 190, Crosley 56TW, Emerson 801, 520, GE H73, T143A, 34 clock radios. Art Collatz, N7818 Barker Lake Rd., Winter, WI 54896

WANTED: Transvision kit 7-inch TV, has transformer power supplies and early version electrostatic CRT. Craig Roberts, 35-L Ridge Rd., Greenbelt, MD 20770. (301) 474-3506

FOR TRADE: Two Fada Bullets, Model 1000. One is maroon with butterscotch trim, excellent condition. Other is all butterscotch, missing knobs. Both have rebuilt chassis. Trade for light-up jukebox speakers or 40's jukebox I don't have. Alvin Heckard, RD 1, Box 88, Lewistown, PA 17044

FOR SALE: Escutcheon for Grunow Majestic 90 – $10 ppd. Hugo M. Kann, 2320 Kings Ct., Marion, IA 52302

FOR SALE: Williamson amplifier kit by Heathkit; was not open when I got it; I put it all back and sealed – $350. Astron P.S 12A, perfect – $60. Knight KG-625 VTOM, extra good, with books – $20. Knight RF sig gen., good – $20. Eico signal tracer Model 147A, no book. Realistic 40-watt 7-band sterep frequency equalizer, Booster 5995, new – $25. Win-tronix 1955 dynamic sweep circuit analyzer Model 820 with instruction book – $30. 3RD1A tube, new. Eico 232 VTOM, peak-to-peak (not perfect acr.[?]) – $10. Philco Transitone Model 38-15 (doesn't work, very clean) – $15. Philco Model 42-335 wood table model AM and police band, (very good condition, doesn't work) – $20. Hallicrafters Skyrider SX16 for parts, dated 6/18/37, (Rider's 8-11) – $35. Hallicrafters 538C, as is, looks good – $20. Hallicrafters S40A, lights up, no sound (Rider's 15-73) – $35. Zenith T927762, lights up, no sound – $5. Heath condenser checker, unchecked – $10. Halson AM radio Model 60M (no sound), scarce – $45. Superior Instruments Model TV-10 tube tester – $15 ea. Heath VTOM IM-32, doesn't work – $5. Grundig Model 97 A radio, works pretty good – $20. Commercial Trades Institute VTOM Model 20, works good w/B – $30. Precision signal generator Series E200C, very nice condition – $25. (41) RF Reporter magazines by Howard Sams, 1959-1961 – $1 ea./$20 all. Sterling Radio Manual (book) – $8. Modern Radio Servicing 1935, Ghirardi – $12. Coyne Television Servicing Cyclopedia 1955 – $10. Motorola 80 car radio, looks complete, as is – $10. DeForest Training Course, 55 books and training papers, 2" thick – $15. RCA Receiving Tube Manual 1960, good condition – $10. 1 foot thick Motorola and other service papers free for shipping cost. TV Most Often Needed 1955-57-58-69 – $5 ea. Zenith Shop Notes Phonos, 161 pp. – $5. Mercury tube tester, probably fixable – $10. Frank Brewster, RR 2, PO Box 615, Baxter Springs, KS 66713. (316) 856-3220, evenings

TUBES WANTED

We need the following tubes to replenish our stock (first digit on 3 digit types is optional). You may ship your tubes to us by UPS or Parcel Post. We'll mail our check upon receipt and testing of tubes. We pay prices shown plus shipping charges. We buy all types of receiving and transmitting tubes. Send us your list for our bid.

USED GLOBE OR BALLOON SHAPE TUBES - ALL MUST TEST GOOD

WD-11*..... $ 35.00	184..... $ 7.00	230..... $ 5.00	250..... $ 40.00
WD-12*..... 25.00	UV-199*..... 13.00	233..... 4.00	256..... 6.50
WX-12*..... 20.00	UX-199*.....11.00	240..... 8.00	280..... 8.50
112A..... 8.00	UV-201A..... 6.50	245..... 15.00	281..... 7.50
120*..... 11.00	UX-201A..... 6.50	246..... 8.00	282..... 7.50
171/A..... 8.00	210..... 10.00	247..... 7.50	403KELLOG..... 20.00
183/483..... 7.00	*Tubular		

USED ST SHAPE TUBES NEEDED

01A..... $ 5.00	6L6G..... $ 3.50	12A..... 5.50	45..... $ 8.00
6F5G..... 2.00	10..... 4.50	40(ST)..... 3.50	50..... 30.00
6K5G..... 2.00			

NEW TUBES URGENTLY NEEDED

O1A(ST)..... $ 8.00	6A5/G..... $ 10.00	6K5G..... $ 4.00	42..... $ 6.50
2A3..... 15.00	6B4G..... 9.00	6L6G..... 7.00	45..... 16.00
2A5..... 4.50	6F5G..... 3.50	6N6G..... 7.00	47..... 8.00
2B6..... 6.00	6F6G..... 3.00	6V6G..... 3.50	48..... 4.50
5U4G..... 4.00	6GM5..... 4.50	10..... 6.50	50..... 40.00
5Y3G..... 2.50	6J5G..... 3.00	12A.....10.00	71A..... 7.50
5V4G/GA..... 3.00	6J7G..... 2.00	40..... 6.00	75..... 3.50

ANTIQUE ELECTRONIC SUPPLY

6221 S. MAPLE AVE., TEMPE, ARIZONA 85283 PHONE (602)820-5411 FAX (602)820-4643

FOR SALE: Ti-nee pocket radio, N.I.B., ca. 1958, instruction sheet, accessories – $100. Majestic Melody Cruiser – $225. Don Howland, 4621 W. Shawnee, Spokane, WA 99208. (509) 466-0939

FOR SALE: Radio schematics, pre-WWII – $2.25. Crosley Service Manual, 1922-1935, 340 pages, copy – $25. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516, evenings

WANTED: Cabinet for Federal 145. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517, fax/phone

WANTED: Millen 90800 rack mounting 50 watt transmitter and old communication sets. Robert Enemark, WTEC, Box 1607, Duxbury, MA 02331. (617) 934-5043

FOR TRADE: My Ocean Hopper & Space Spanner for your SX-100 or SX-112. **WANTED:** Allied 1932/1935. Jack McCreary, 7783 Wildcreek Trl., Huntsville, AL 35802. (205) 882-0037

FOR SALE/TRADE: SW-4A, MS-4, HT-37 SX101A, HT44, PS, SX117. SX71, R-1000 rec. Ray B. Williams, 4521 Whitfield Ln., St. Louis, MO 63134. (314) 428-1963

WANTED: Sentinel 314W, complete, no cracks. Knobs for Emerson 504, 510; brown & ivory, one each. Dennis Scheurell, 10023 N.E. 120th St. #A3, Kirkland, WA 98034. (206) 820-6584

FOR SALE/TRADE: Jukebox, P.A., hi-fi components & speakers, for your AK 10B 3-tube island or potentiometer unit. Nevins Museum of Radio, c/o Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, eves.

FOR SALE: Adcom GFA-535 power amplifier new in box – $250 or trade for green Emerson 520 or other Catalin. Harman Kardon 825 preamplifier – $150. Sentinel 343 – $40. **WANTED:** Arvin or other metal radios and Emerson 811. Lee Gentry, 2121 Windbrook Rd., Knoxville, TN 37923. (615) 694-8903

WANTED: Eimac 300T and 500T. Industrial/Special purpose tube manuals or pamphlets. Also any odd or out-of-the-ordinary tube types. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

WANTED: Western Electric tubes, parts and Data-sheet. 101, 102, 104, 205, 211, 212, 216, 242, 252, 262, 271, 274, 275, 276, 284, 300, 310, 339, 347, 348, 349, 350, 421, 422, VT1, VT2, VT25A, VT52. Also Western Electric amp, spkr, socket, xfmr, wire, Data-sheet; others: RCA 50/250/350, VT62/801A, 845, European tubes. Will pay top $$$. Jun Mizuno, 933 Portswood Cir., San Jose, CA 95120. (408) 268-4016

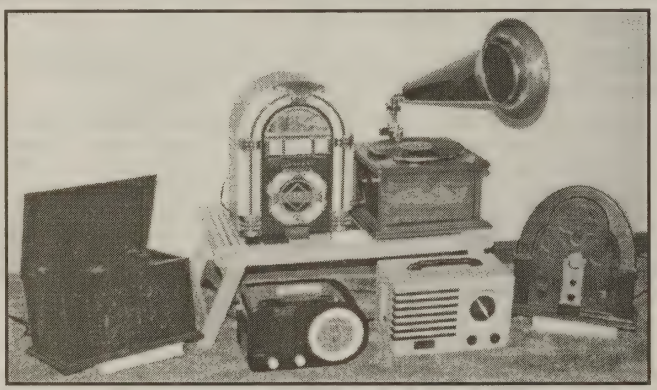
FOR SALE: Dynaco FM1 – $25. PAS2 – $45. Stereo 35 – $85. Mark 4 – $75. Pair of Dynaco speakers – $50. All items in working order,and all prices plus UPS. Ray Moore, 12 Pavilion St., Rochester, NY 14620. (716) 461-3205

FOR SALE: Hallicrafters SX62, good cond., working OK – $165. Broadband TV cable amps, 12 tubes – $19.50 ea. (2) early Federal tuning condensers and (2) Federal filament rheostats – $29.50. Chet Wisner, 1014 Main, Dalton, MA 01226

WANTED: Technical info for testing older tubes; i.e. 01-A's, 99's, 112A, 00's, 120, 71A, etc. on Hickok Model #600A. Thanks much. Chuck Childs, RR 3, Box 200AA, Watertown, NY 13601. (315) 783-6479

WANTED: One red Patriot knob, one brown "Emerson 5+1" knob. Will trade or pay your price. Still buying damaged Catalins or parts and interesting items. Ray Carroll, 158 Oakwood Dr., Wayne, NJ 07470. (201) 696-1149

WANTED: Emerson radio chassis, (A-4 TRF) receiver; has #78, #6F7, #38 and a 1-V rectifier; no dial, just two shafts and induction magnet speaker mounted center above them; non working OK. Lee Faber, 9512 Quaymas Ct., Elk Grove, CA 95624. (916) 686-4739



Ralph's Radios

c/o Ralph Bonamo
229 Ramona Ave.
Staten Island
NY 10312

(718) 356-3410
Please call
for details !

FOR SALE: Repro Radios

Phonograph $75
Multi-color, light-up Jukebox.....55
Cathedral 45
Patriot/Bullet/Jewel Box 30

- AM/FM, most with cassette player
- Ask about discounts for ten or more
  (For five or more with the multi-color, light-up Jukebox)
- Excellent for shows, stores, flea markets, etc. !!
- Send LSASE for color flyer
- Prices do not include UPS
- All checks made out to Ralph Bonamo

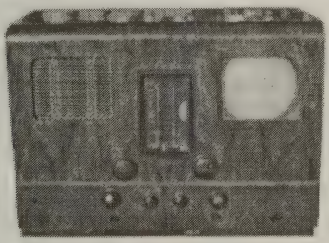
WANTED: Any color TV made in 1954 or earlier. These sets use a Type 15GP22 or 15HP22 CRT. Any CRTs for these sets new, used, or dud. Any color TV which uses a Chromatron or Lawrence type single gun CRT. Thanks. John Folsom, 450 Golden Dove Ave. NE, Palm Bay, FL 32907. (407) 725-3462, evenings, weekends

HAVE YOU MOVED? ARE YOU MOVING?
PLEASE NOTIFY US A.S.A.P.
SEND US YOUR...
OLD ADDRESS
NEW ADDRESS and
SUB #
MANY THANKS!!!!!

FOR SALE: Radiola 20 nameplate – $22. Westinghouse, H-392-T5, plastic white, clock-radio – $40. Philco 38 case only, cathedral – $65. Air Chief, S-7426-8, wood – $85. Silvertone brown #9000 – $50. Mirrortone 830, ivory – $80. Arvin 664, brown – $50. Emerson 587-B extra nice face – $70. Zenith brown case 4-B-313 – $45. Emerson 756-B, brown – $40. GE 518F white, clock radio – $60. GE 515 chassis – $18. Cannon transistor, Japanese – $35. Zenith 7-S-633R, needs cloth – $80. Coronado 43-8120A black – $80. Bed-lamp radio, no name – $25. Philco PT-25, nice – $40. Philco B-572 – $38. National Radio Institute, 42 lessons on Appliance Repair – $13. Sentinel black 314-E – $80. Arvin 444A one wrong knob, no decal – $45. AK E-3, blue paint on cloth – $35. Call: Del Tysdal, 812 Broadway, Fargo, ND 58102. (701) 293-9328

WANTED: Miraco console radio: Information, radio chassis and speaker, restorable AK 82 cathedral cabinet, Philco 65 volume control knob. Mark Gutekunst, 2600 Martin, Willow Grove, PA 19090. (215) 830-0425

WANTED: Heathkit catalogs, 1955 to 1965. Call or write: Brian Stacy, 1211A So. Willson Ave., Bozeman, MT 59715. (406) 586-2930



FOR SALE: Marconi 1938 television, excellent condition, extremely rare – $5,000 + shipping. Don Hauff, Box 16351, Minneapolis, MN 55416. (612) 374-9739

WANTED: 1924/25 Fada book: How To Build A Fada Neutrodyne Radio Receiver, copy OK. AK-30 chassis. Richard Arnold, Box 275, Lone Grove, OK 73443

WANTED: Dial glass and pointer for Setchell-Carlson 416 "frog-eyed" radio. A. J. Long, 11830 Heath Rd., Chesterland, OH 44026. (216) 729-8451

FOR SALE: Marco dynamic speaker in cathedral cabinet with power supply, good – $55. Grebe Synchrophase, the early one with 2 good original AFTs and 5 matched good tubes, excellent – $250. Unmarked 2 step amplifier using WD-11 tubes, 1922 not home brew, NT – $150. Several cabinets and chassis. See list. All plus UPS. LSASE for list of 70 more. Wally Worth, 2 West Elm Ave., Wollaston, MA 02170. (617) 479-4512

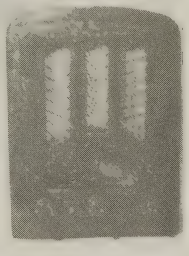
WANTED: Ham transceiver, six meter FM. **FOR SALE:** TVs, radios, parts, books. Send want list with SASE. Don Weiler, 4641 Kawanee Ave., Metairie, LA 70006

WANTED: Lafayette Model TE 25 capacitor analyzer, any condition. John Folsom, 450 Golden Dove Ave. NE, Palm Bay, FL 32907. (407) 725-3462

FOR SALE: Large collection of white or beige Art Deco style AM radios, all – $50 each. Call or write me, as I might have what you need. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Fada One-Sixty. (12) GE reluctance cartridges and other brands. Single and dual needle. Pete Putra, 1429 Lawndale Ave., Racine, WI 53403. (414) 632-2543

WANTED: Catalin radios by Emerson, including BN, AX, AU, BT, EP375, and WLW broadcast models. Stupid prices paid on command. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384



FOR SALE: B&K Model 970 transistor equipment analyst – $50. Heathkit Model TC-3 tube checker – $50. Heathkit Model PS-3 voltage regulated power supply 0-500 volts – $50. Heathkit Model TC-2 tube checker – $50. Tektronix Model 504 oscilloscope – $30. Jewel Wakemaster Model 5057U radio – $35. Kuhn Electronics Model 357-B radio – $20. Sentinel Model 175B farm radio – $30. Plus UPS for each item. Ronald Nassko, 1360 S.W. Timian, Corvallis, OR 97333

FOR SALE: Tube hi-fi equipment. Knight KA55 stereo amp, 6973's, with manual – $40. Knight KG 250 stereo amp, ECL82's – $30. Knight KGE 50 AM, FM stereo tuner – $20. DeWald L803 mono FM tuner – $15. Pair Bigg power amps, possibly jukebox, 6CA7's – $25 pair. Home built stereo power amp, 6BQ5's – $25. Wollensak, 1281 amplified tape deck – $15. UPS extra. Mike Kitner, 735 Factory, Carlisle, PA 17013. (717) 249-3851

WANTED: Any Kennedy receivers, amplifiers. D. Reginald Tibbetts, W6ITH, 2151 Camino Pablo, Moraga, CA 94556. (510) 376-5082, Fax (510) 376-8015

FOR SALE: Farnsworth CK-92 console, 1941 Lowboy, 2 bands, 9 tubes, 7 knobs, 6 push buttons, Capehart 78 changer, pick-up only – $50. Rip Robbins, 1898-172 Prairie Rd., Alger, WA 98257. (206) 724-4026

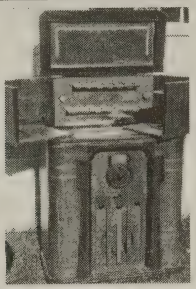
VINTAGE SAMS

OWN THE FINEST SERVICE DATA FOR YOUR VINTAGE RADIO AND TV

A.G. TANNENBAUM
P.O. BOX 110
EAST ROCK AWAY N.Y. 11518

516 887 0057

WANTED: The following Zenith Trans-Oceanics in good condition: 8G005, A600, L600, T600, 7G605 with bomber on grille. Also tan leather Models A600L, R600L, and T600L. Also need owners manual and suction cups for G500. Have extra chassis for 7G605 if someone needs one. (Untested). Brian Rhodes, 72 Mt. Herman Rd., Blairstown, NJ 07825. (908) 459-4583



FOR SALE/TRADE: 1937-38 (?) Radio Bar. Philco 8 tube chassis with concentric tuning. Plays, but should have new electrolytics. Cabinet is respectable, but needs refinishing, grille cloth, etc. No glassware, but has mirror, all holders, brackets, lights. Presently I'm debating between keeping/restoring or trading up/down toward a Zenith wood I need for my collection. If interested, what do you have to offer? Possible Lansing/Elgin delivery. **WANTED:** Information, literature, advertising, parts, glassware (dimensions or source) for the above Radio Bar. Thanks to all the good buys who repsonded to my "help wanted" ad on my Zenith car rado. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

WANTED: DeForest Types 430 through 440 tubes for collection. Duds OK. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: Heathkit DX20, DX60, DX60B. Heathkit Comanche, National NC 60, Hallicrafters S-38 – $25 ea. Jim Ford, NM1F, 194 Rocky Hill Rd., Plymouth, MA 02360. (508) 747-2224

FOR SALE: Reproduction warranty tags and model number tags for Atwater Kent breadboards and wood cabinet sets – $2.50 per tag plus SASE. Please state the number you want on the model number tags. **WANTED:** 1918 Navy type audio amplifier or RCA triode A or B amplifier; Paragon DA2 amplifier; AWA Old Timer's Bulletins Numbers 1 through 12; any rpm parts such as variometers, condensers, tube units, etc.; any Atwater Kent breadboard parts, especially a TA unit; horn speakers. Will purchase any of the above or have for trade parts and radios such as Kennedy V, Kennedy XV, Radiola Rada, 16 tube Midwest Model 162 table radio, Philco Model 71 console with 6 legs, horn speakers including Burns, and many more. Will be at Lansing and Elgin. Richard Bury, PO Box 25, Gurnee, IL 60031. (708) 623-7746

WANTED: Johnson Viking Ranger transmitter, need not work, state price and condition. Bob Mattson, KC2LK, 10 Janewood Rd., Highland, NY 12528. (914) 691-6247, after 7 pm

FOR SALE: Silvertone #6220 - 101.801 tombstone battery radio fair, needs one tube – $15. Sparta #6-66A, has simulated leather cabinet, vg, plays – $40. Plus UPS. M. B. Gaskins, 227 Risen Ave., Campbellsville, KY 42718. (502) 465-3755

FOR SALE: Jensen speakers, 15-inch B-15 concert speaker, (2) 5-inch F-5 75RQ B5857 with 600 ohm fields. Fada TV chassis Model TV225 all original condition with tubes, Ballast tubes, old RCA TV knobs. Guild Country Belle Model 6487, Rider's Volume 1 (Radio). Frank D. Atwood, 117 East Main St., Merrimac, MA 01860. (508) 346-8100

FOR SALE: Bang! Bang! July specials: Grebe CR-5 and matching RORK amp – $1,100. Federal 110 with Federal phones – $800. Kennedy coronet style Minerva classic tombstone – $350. Philco 45-C "toaster" radio (V.R., p. 123), working, solid – $135. AK Model 10A, original, complete – $985. Echophone Type 3 (Bunis, p. 60) – $350. GE K-52 cathedral (F.O.S., p. 90), beautiful, working – 225. AK 206 cathedral (F.O.S., p. 66) – $300. Majestic 381 Treasure Chest (Bunis, p. 110), excellent, working – $260. Crosley Model 10-135 white "dashboard" radio, works, complete – $85. Arvin 442 black metal, nice, works – $55. Crosley Super Musicone speaker, beautiful, working, good gold designs – $70. Burns black horn speaker, complete, petals painted inside – $100. Peerless cathedral-type wood speaker, nice example, works – $35. All radios include tubes. All plus UPS. Dave Crocker, 60 South St., Duxbury, MA 02332. (617) 582-2052, before 9 pm please

WANTED: Western Electric tubes 205D/E, 252A, 274A/B, 300A. Top prices paid. Jun Mizuno, 933 Portswood Cir., San Jose, CA 95120. (408) 268-4016

FOR SALE: Tested tubes w/warranty! Buy those spare tubes for your tube radio, audio, and electronic gear. Help, help, help me get rid of these tubes. I have both older and newer tubes, from older 4-pin, to several thousand 7- and 9-pin tubes. In general, buy 15 of your choice of used, tested, U.S.A. manufactured 7- and 9-pin miniature tubes as noted on my list for $10 + shipping and handling. Order 100 or more for $40. All tested on TV/7 tester and boxed. I give a 30-day warranty. Send wants or SASE with two stamps for list of over 2,000. Daniel Nelson, 1025 E. Desert Ln., Phoenix, AZ 85040. (602) 243-7421, w/machine

FOR SALE: Kennedy Model 53 shortwave converter; superb, like new condition, original tubes, works, rare! – $225. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

FOR SALE: Tube audio amplifier. Heathkit EA-3 14 watt – $40. EMI phono amplifier 20 watt – $50. Onerio Sabetto, 1717 Burgess Rd., Cleveland, OH 44112-1103. (216) 481-1036

FOR SALE/TRADE: W5M, WAP2 Garrard RC88 as set. Box of 20+ transistors, other tube radios. Want communication receivers and Andrea W69P Spacemaster Deluxe. Frederick L. Watson, KB8NRF, PO Box 58, 581 W. Summit St., McClure, OH 43534. (419) 748-8798

WANTED: Chassis, Philco 37-89, 38, 37-38, 42-340, Radiola III, Regenoflex, balanced amplifier, GE K63, AK 228, Crosley 124, 125, 1137, Majestic 195, 363, Westinghouse WR14. Junkers considered some cabinets for sale. Brian Kurrle, 208 Crafton Rd., Bel Air, MD 21014. (410) 838-6534

FOR SALE: AK 20, AK 30, Crosley 546, Philco 38-38, AK horn spkr, Pilot tuners, Aircraft radio 200-400 Hz, small transistor radios. Make Offers. Kermit A. Muntman, R #1, Box #147, Meredosia, IL 62665. (217) 584-1780

FOR SALE: RCA console C7-14, 1936. Tubes, some plastic radios, Philco 1951 console, all working. Matthew Hinson, 1663 Bridge St., Merrick, NY 11566. (516) 379-3601

FOR SALE: Tektronix RM503 oscilloscope manuals, originals – $20 ppd. Also other Tektronix manuals. Alton Bowman, 4172 East Ave., Canandaigua, NY 14424

MESSAGE: Notice. Chuck's, turn around time is less than one week if I have the part? I have over 3,000 old tubes and over 2,000 parts. I guarantee my work 100%. Yes, I have hard-to-find power transformers, a lot of them. Try me out, see the difference. Chuck's Radio, see my ad in business card section. Chuck Humphreys, Chuck's Antiques, PO Box 598, New Haven, WV 25265. (304) 882-2220

FOR SALE: Truetone D2018 Boomerang – $175. Red Emerson 610 – $75. Majestic Zephyr ca. 1939 – $110. Early Victor horn speaker – $125. Sterling (like Continental #100 E.O.R.) – $125. Emerson/Ingraham EL261 mini-wood – $95. Majestic 7T11 (E.O.R. 1) – $150. Sentinel 284I (Bakelite version of their Catalin) – $100. Zenith 807 tombstone – $110. Crosley 515 tombstone – $90. Blue plastic Bulova 100 – $60. Philco 16B giant cathedral – $190. Seeburg Wall-O-Matic wallboxes (2) – $175 each. GE A-53 tombstone – $125. Zenith 5-R-312 – $75. RCA 96T7 chrome grille – $125. Hallicrafters S-38 – $80. Crosley #181 chrome grille – $95. RCA wood Nipper – $95. Emerson 517 Moderne – $75. Zenith 5-S-319 oval dial – $150. Much more! Send $1 and LSASE for new photo list of over 100+ radios to: Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

FOR SALE: E.H. Scott AW-23 in Laureate Grande cabinet, looks good, plays well – Best reasonable offer. September delivery to AWA possible. Martin Needleman, 1618 Winchester Rd., Annapolis, MD 21401. (410) 757-4627

FOR SALE: Stromberg-Carlson Model 130-R, Deco cabinet, clean; and 410J colonial cabinet – $100 ea. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Dial glass for a Philco 47-1230. Glass measures 9 3/4" x 4". Has FM at top, SW in middle, Std BC on bottom row. Earle Drake, Box 1808, Hyannis, MA 02601

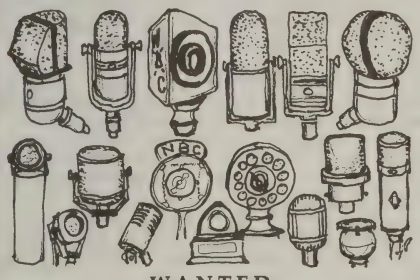
Classified Ad Deadline Noon
Jul. 10 for Aug. 1993 Issue
Aug. 10 for Sep. 1993 Issue
Boxed, Photo, & Display Ads - 1st

FOR SALE: American Bosch Model 28, nice original condition, complete except no speaker, asking – $150/BO. Martin S. Doctor, 3 Gloucester Ln., Nashua, NH 03063. (603) 881-5317

WANTED: Antique TVs, I have over 130 different 3-5-7-8-10 and 12" TVs in my collection. Looking for Viewtone VP-100, Truetone, Stromberg-Carlson TC10H, Philco 50-702, Espresy, Coronado Airline 7" with 45 phone and related memorabilia. Auman Antique TV Museum, Rt. #1, Box 368, Dover, OH 44622. (216) 364-1058, evenings

FOR SALE: 100+ quality wood, Bakelite and plastic tabletop radios. We specialize in extremely stylized sets with focus on 1930s machine age and 1950s kitsch. Send LSASE and $1 for our professionally photographed catalog, every set is pictured. Radiomania, 2109 Carterdale Rd., Baltimore, MD 21209

FOR SALE: Zenith 9-S-263 shutterdial, complete, working – $275. Philco 90, working – $375. RCA 96T1 – $45. GE L-633 – $45. Coca Cola repro – $65. Scott grille cloth. I can bring to Elgin. John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002



WANTED

FOR MY BROADCASTING MUSEUM

Microphones, stands, call letter plates. Tube amplifiers, mixers, compressors, Hi-Fi equipment. Speakers, on-air lights, equalizers. Disk, wire & tape recorders. Blank recording disks. Catalogs, magazines, manuals. 16" transcriptions, turntables, arms, pickups. Early TV cameras & receivers. Elaborate console, deco, plastic, mirror, novelty & wireless radios. Jukeboxes & parts. Acoustic phonographs.

We are looking for all makes of equipment, and especially *Western Electric*, Telefunken, Neumann and RCA. The museum contains various duplicates and items surplus to our needs, and many of these articles are available for sale or trade. The collection is located in my Victorian seaside inn, The Caffrey House, situated on a bay next to the ocean, in the Southampton resort area of Long Island. A trade of equipment for a stay at the hotel is always encouraged.

Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942
516-728-9835

WANTED!

★ 1920-1924 Battery Sets ★

Amrad, Clapp-Eastham, Cutting & Washington, De Forest, Federal, Grebe, Kennedy, Marconi, Paragon, Radiola, Tuska, AK, Leutz, Crosley, Crystal Sets, and Horn Speakers.

Serious collector. Will consider others and entire collections. Can travel.

Ed Bell — 5311 Woodsdale Rd.
Raleigh, NC 27606
FAX/PH: 919-851-1517

WANTED: Zenith Models 12S345, 12S370, 12S371, 12S445, 15S308, 15S346, 15S372, 15S373, 15S479, 15S494. Robert Schoenbeck, 9301 Texhoma Ave., Northridge, CA 91325. (818) 993-7174

WANTED: JVC Videosphere and pyramid-shaped 3100 TVs. Also, Panasonic TR-005 Flying Saucer TVs. Bob Hays, 18 Canning St., Council Bluffs, IA 51503. (712) 323-8510

FOR SALE: Radiola I crystal set, real nice! Call: Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

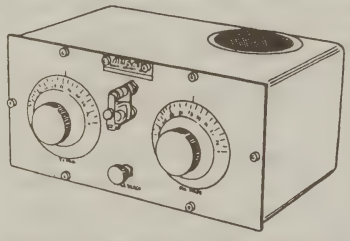
FREE – 20 WORD AD EACH MONTH
To get your free 20 words, include your SUB# with your Ad. Additional words are 17¢ each. Read inside back cover for details. MANY THANKS!!!!!

FOR SALE: Emerson 888 Pioneer, no cracks or chips, missing dial button – $45. Zenith Royal 500 7XT40, black, with flannel pouch, excellent. **FOR TRADE:** Philco T-7 for Zenith Royal 300 or Royal 400. **WANTED:** Jefferson-Travis JT-H204 and JT-G104, also Nipco copy of Motorola 7X23E. Suzanne Wyatt, Box 83, Dearborn, MO 64439. (816) 992-8811

FOR SALE: Bozak B300 floor-standing speaker, ca. 1960, (1 only) – $125 + shipping. **WANTED:** Westinghouse DA; base for AK M horn; dial glass for Radiocraftsmen 10 tuner; original E.H. Scott and McMurdo Silver literature; older tube-type hi-fi equipment. Al Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270, voice/fax to 10 pm EDT

WANTED: Information about Little Gem crystal sets. Saw A.R.C. article. Need advertising literature. Ben Montabana, 1133 Graham Dr., Birmingham, AL 35214. (205) 798-5289, mornings

WANTED: Owners manual and correct transformers for Grebe CR-18 Special. Grebe CA sets. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517



WANTED: Pre-1926 radios by **AMRAD**. Also, Amrad radio parts, accessories, and literature. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

RADIO SCHEMATICS, Sams, Riders, Beitman Gernsback. $2.50 each. Postpaid USA. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. (304) 277-3154

WANTED: POSTWAR TELEVISIONS. Zenith Mayflower, Scott 6T11 and 13-A, Farnsworth GV-260 Teardrop, Westinghouse H-181. Tim Mullen, 177 W. 26th St., #400, NYC 10001. (212)-463-0552

WANTED: Scott Phantom Deluxe, Laureate Masterpiece or Sixteen. Would prefer with cabinet. Will pay good price. Dan Schwartzman, 1232 W. North St., Bethlehem, PA 18018. (215) 882-0859

WANTED: Medical and scientific devices. Especially violet rays in complete mint condition. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (305) 846-7116

FOR SALE: 1932 American Bosch #200A ornate, straight sided, walnut burl, Treasure Chest, works, (see Bunis II) – $125. Zenith #300, rich maroon, bright brass, excellent – $25. Zenith #500H, oval speaker, grille slightly tarnished, plays well – $45. RCA #75X17 black oriental, works – $100. Motorola #X37E, U.S. made small transistor, cowhide case, wrist strap, excellent – $15. All plus UPS. **WANTED:** Original or Xerox of operating manual for Crosley one-tube Pup receiver. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

FOR SALE: Consoles: American-Bosch 575-Q – $110; 670-S – $115; RCA 211 – $135. Table models: Crosley JT-3, 1950's black plastic – $45; Philco 37-610 tombstone, refinished – $100; Phillips Sagitta, refinished – $35; Silvertone 6016, white-painted Bakelite – $60; Stewart-Warner 9000-B, refinished – $40; Stewart-Warner R-1272-A tombstone, Deco grille – $90; Westinghouse refrigerator repainted blue – $125; Zenith B-835-E blonde wood – $45; novelty "Shell" antique gas pump – $40. **WANTED:** Legs for Zenith Super VII/VIII; chassis, speaker, clock for Philco mantle clock #280 Jr. (Bunis I). Prices do not include UPS. No shipping on consoles. R. Matzko, 3 Coloma Ct., Sterling, VA 20164. (703) 406-2713

MESSAGE: Art Deco collectors. Black/silver grille cloth is finally available for those Majestics, Air Kings, black lacquer and other sets that need it. Same pattern as my #2 Herringbone. Also available is the Emerson AU 190 pattern. See my display ad near the front of the classifieds. 15 patterns are now available. 29¢ LSASE brings you a piece of each on my sample card. Michael Katz, 3987 Daleview Ave., Seaford, NY 11783.

WANTED: Majestic, Model 92, restorable chassis. Will pay fair price plus shipping. Jim Downer, 983 San Miguel Rd., Concord, CA 94518. (510) 682-0905

WANTED: Dynaco & Heathkit tube equip. Non-funct. OK. B. Brown, RR 1, Box 50, Valley Springs, SD 57068. (605) 582-6762

WANTED: Original owner's manual for a Sylvania Type 139 countertop model tube tester. Mike Hanke, 1036 So. 15th Ave., Wausau, WI 54401

FOR SALE: PHONO NEEDLES & CARTRIDGES (ceramic - magnetic). What do you need? Send SASE. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

Join Crystal Set Society. $9.95 brings six bimonthly newsletters on designing, building, understanding sets. Phil Anderson, RR1, Box 129A, Lawrence, KS 66044

WANTED: Complete working phonograph unit for Victor 65 AU radio/phonograph. Holme Hickman, PO Box 6025 – #41, Columbia, Missouri 65205. (314) 882-2084, days

WANTED: Westinghouse RC, Clapp-Eastham HR, RA, DA, Drake R4C/T4XC. **FOR SALE/TRADE:** Drake TR4C, AC4, RV4. Stu Mount, K2OA, 35 Grand St., Highland, NY 12528. (914) 433-7714

WANTED: WWII AN/UPM32, AN/GPM/4. Older Varian, Raytheon, tube catalogues. Information on RCA radiomarine equip. Krajovic, 546 Sheridan, Pittsburgh, PA 15206

FOR SALE: Arvin 581T. Philco 51-530. Philco 49-905. Zenith H-723. Zenith R-615. Eico 435 sweep range oscillator & manual. Supreme 589A tube tester & manual. Ted Gasiorek, 201 Golden Ave., Briggsville, WI 53920. (608) 981-2051

FOR SALE: 1942 Crosley Super Sextette (B.F.T.P., p. 309) – $100. Collection of small Catalin (clock, small and large poker chips and holders, salt and peppers, more), 15 pieces for – $350. Metal case only for Arvin 440T, ivory – $25. Air Pal, crossover grille bars, ivory, orig. – $90. Silvertone clock radio model 3026, like new, but not working, ivory Bakelite – $60. Metal Arvin 502, needs help – $30. Trueb, PO Box 127, Indianola, WA 98342. (206) 297-3327

WANTED: Bezel for 38-7 Philco 9S in Johnson book, p. 83; also blue 199, dud OK. Greg Bogel, RD #2, Box 83, Cherry Tree, PA 15724

WANTED: Army transceiver Model ABA-1 General Electric, Type CG-43AAG. Brian Thomson, 1710 East 1220 North, Logan, UT 84321. (801) 753-3454

FOR SALE: Zenith The Major w/old FM band (F.O.S., p. 40) – $80. RCA Model 103, small tombstone – $90. Paul Ernst, 328 Meadow Ln., Webster, NY 14580. (716) 787-9879

WANTED: Meter for Collins 51J3/51J4. Mechanical filter for 75A3. Collins 32V3, 75A3. Brian Roberts, K9VKY, 3068 Evergreen Rd., Pittsburgh, PA 15237. (412) 931-4646

WANTED: Philco #32-2382 RF coil for 37-9 console. Crosley 125, Gloritone 26P tube cages. Scott Holderman, 14431 Ventura Blvd., #296, Sherman Oaks, CA 91423. (818) 981-1782

MESSAGE: Will the gentleman from North Dakota who wrote about the Philco battery set please contact me. Lost your address. Thank you. Rudy Wiggins, PO Box 1133, Clewiston, FL 33440

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 8 Sunset Circle, St. Johnsbury, VT 05819. (802) 748-4893, eves.

WANTED: CALLBOOKS, Amateur, Broadcast, Government, Commercial and Military. 1900-1930. Bob Arrowsmith, W4JNN, PO Box 166, Annandale, VA 22003. (703) 560-7161 Collect

PARTS for collectors. Hard to find Electrolytics, High Voltage Capacitors, High Power Resistors, Plugs, Switches and more. Free Catalogue. A.G. Tannenbaum, P.O. Box 110, East Rockaway, NY 11518. 516-887-0057. FAX 516-599-6523

FOR SALE: Tubes, Sams. Former Television and Radio Shop. Send want list. SASE. Eileen Keiter, 106 Boulder Road, Plymouth Meeting, PA 19462

FOR SALE: Crystal sets postwar N.O.S. includes prewar plug-in detector and headphones not bad for – $49. Included shipping anywhere U.S.A. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: RCA 85T2 tombstone, nice original finish, repro grille cloth, works – $65. Aetna brown Bakelite table radio, right airplane style dial, left horizontal louvers, circa 1940, nice & works – $35. GE 60, very good, works – $30. Philco 52-542, nice, works – $25. Airline 15BR-1535B, (Bunis II, p. 15, mine much nicer), works – $38. Bulova 100, one clock knob wrong, a few miniscule stress cracks on front edge, nice & works – $30. Philco 53-564 (Bunis II, p. 137), red dial, nice & works – $35. Zenith H511 (Bunis I, p. 172), refinished ivory, silver-tone center piece, works, no cracks – $30. Fada L-96W, nice, works – $50. Coronado 94RAI-43-8510B, AM-FM, good & works – $35. Johnson Viking Messenger tube-type CB, nice, untested – $27.50. Philco 37-38 tombstone, untested, as found – $35. UPS extra. Thanks! Lloyd A. Noel, 494 Clark St., Galesburg, IL 61401

WANTED: Junker chassis and knobs for Crosley Model 127. Original instruction book for Steinite Model 990. Still need instruction sheet in lid of Model 990. Thanks. Jimmy Heath, 308 Beech Grove MHP., New Bern, NC 28562. (919) 638-8237

WANTED: Philco 41-81, Motorola A1, 1941, 5A7, Arvin RE64. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagano-shi, Osaka, Japan 586. 0721-52-4695, eves., local

FOR SALE/TRADE: 1) Crosley Pup, excellent orig. cond. 2) Bunnel camelback key and sounder. 3) Michigan 2-tube amplifier M11. 4) Trego 3-tube regen. rcvr. 5) Gibbs 8-spring mic. and stand. Large assortment of xstr. novelties including Robark Robot Dog in orig. box. Gun Beam 2 xstr. radio and science fair crystal radio kit never assem. Bob Fuschetto, 1758 Michael Dr., Whitehall, PA 18052. (215) 435-8944, call bet. 7 pm & 9 pm

WANTED: Midwest 24-tube "Royale," 18-tube "Imperial," other Midwest 18+ tube consoles of the mid 1930s. Chuck Dachis, 4500 Russell Drive, Austin, TX 78745. (512) 443-5027

FOR SALE: Sams 177 to 1801. Also Sams AR's, TSM's, MHF's. $2.50 each plus postage. Maria P. Troutman, PO Box 760, Brewer, Maine 04412-0760

WANTED: Fairbanks Morris console Model 9C or 12B preferred. Charles E. Patterson, 2621 Sweetwater Rd. SP#33, National City, CA 91950. (619) 475-7141

WANTED: World's Record Super 8, 9 or 10 superhet kit radios (circa 1925-1928) and/or related original literature. Also want other non-chrome Scotts (pre-1930) and chrome 2v or 6v Scott radios (mid-1930s). Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FRONTIER ELECTRONICS rebuilds twist-loc capacitors & wet type for $10. each single. Simply add $1. for each added part. Maximum of 450. volt at this price which includes 1st class return postage. Typical time in shop is 10 days. Will quote on higher voltages & rectangular can types. Box 38, Lehr, N.D. 58460 (U.P.S. 403 S. Mcintosh St.)

FOR SALE: Crystal rocket ship radio, mint in box – $100. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

FOR SALE: Over 50, 1928 thru '52 radios. Also ham equipment, parts. SASE, with two stamps. Frank Beising, W7FJM, 3970 Saddlewood Ct., Las Vegas, NV 89121

WANTED: R105/ARR-15 manuals, mounts, dynamotor, control boxes. Also, junker BC-929-A indicator. William Donzelli, 304 South Chester, Park Ridge, IL 60068. (708) 825-2630

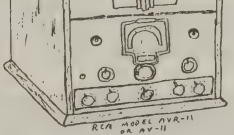
WANTED: Dial lens for Truetone D-724 and Philco 39-25. Dwight Baker, 4137 E. 24th St., Des Moines, IA 50317. (515) 263-0278

FOR SALE: Vintage Hi-Fi Spotter's Guide Volumes 1 and 2 now available – $17.95 ea. or $32 for both ppd. Covers early tube audio to 1960's, each is different with 450 illus. and specs for amps, preamps, tuners, speakers, etc., limited printing; order now to secure your copies. Charley Kittleson, PO Box 691, Belmont, CA 94002. (415) 595-4164

FOR SALE: Philco Models 89, PT-6, PT-42, 53-560 & A-801 chairside; Truetones D-726, D-2026 & D-698 console; Emersons 336 & 343; RCA 8-X-541; Zenith G516F; GE 414; B&K 700 tube tester; Micronta 22-214a multitester. Barry Jones, 11340 Darmstadt Rd., Evansville, IN 47711. (812) 867-3510

WANTED: Hi-fi tube & commercial tube amplifiers, processors & speakers. RCA, Altec, Fisher, Scott, Dynaco, Jensen, Electro-Voice, Marantz, Brook, McIntosh, Pultec, Lang, Western Electric, Radio Craftsman, Heath, etc. Also wanted output tubes KT66, 77, or 88, EL-34, 6550, 2A3, 50, 45, 845, 300A, 300B. Old Lafayette & Allied catalogues 55-65. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

WANTED: Broadcast-type **MICROPHONES**. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242



WANTED: RCA Model AVR-11 (AV-11) airport receiver as shown, any condition, housed in a steel tabletop cabinet approximately 20"W x 24"H x 16"D, 1937 vintage. Similar to the ACR-111 but **is not the same radio**. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

WANTED: Thordarson amplifiers: 2A3 Pono Amp T-30W10, T-31W10 etc. Heathkit WA-1. Schematics and other related items. Paul Gil, 180 Union Ave., Belleville, NJ 07109. (201) 751-5959

FOR SALE: Bakelites, cathedrals, tombstones. Magazines, catalogues, books, manuals, hi-fi, shortwave, TV. Large list – SASE. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (216) 871-4547

FOR SALE: For antique auto radios: (1) 1958 Chev., (2) 1959 Chev., (3) 1963 T.B. Ford one knob missing, (4) 1960 Chev. – $12 each, all for $40. Raytheon Model 5R-10B plastic radio, brown with gold pointer, vg condition – $2,200. Call or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

WANTED: Wood louver for Emerson Strad, violin radio, (as seen on p. 71, Bunis II). Also need black Bakelite back for Emerson U5A. I am still looking for (1) chrome side fin for a Sparton mirrored 558. Steve Berglund, 617 S.W. 146th St., Seattle, WA 98166. (206) 244-6428

WANTED: To buy aircraft and electronics equipment, including radios, tubes, bearings, relays, connectors and instruments, receivers and transmitters. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512. (609) 395-1116

FOR SALE: Philcos: 90 – $425; 70, very clean – $350; 90 chassis w/o speaker, clean – $150; 60, Junior Type case – $150; 39-7 – $55; all work. Kennedy V – $250. Magnavox T drawer with chassis – $45. Bendix 0526E – $55. Portobar 9008B – $150. Steve Lange, 1351 N. 58th St., Milwaukee, WI 53208. (414) 259-1031

WANTED: Restorable, inexpensive 1920's set of style for exposed tubes either on top such as Radiola III or on front panel like others, any condition with a reasonable price considered. Also want poor condition Pfanstiehl Model 1 for internal parts. Chester Johnson, PO Box 883, Cedar Park, TX 78613

WANTED: Sparton Mod 410 or 420 good power transformer or junker chassis with same. Forrest Baker, 1558 W. Garfield, Davenport, IA 52804. (319) 391-7870

WANTED: Cabinet for Delco R1134, plastic. Elgin pick up? Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

FOR SALE: Two Farnsworth Bakelite radios Model GT-061 white with maroon grille + SW, ET601 white with black grille – $75 each. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WE'RE STILL HERE! Tubes: "Oldest," "Latest." Schematics. SASE for lists to Steinmetz Electronics, 7519 Maplewood Ave., Hammond, IN 46324

FOR SALE: FOAM SURROUND REPLACEMENT KITS. Kit includes two foam surrounds, cement, centering shims & thorough instructions. 10" Kit = $24.95, 12" Kit = $29.95. (N.J. residents add 6% sales tax) + $3.00 S/H. Sound Remedy, 331 Virginia Avenue, Collingswood, NJ 08108. (609) 869-0238

COLLECTING: Commercial Ham gear from the 1930s and 40s. Transmitters and accessories, xtals, mikes, etc.? (**Desperately seeking SW3** with octal tubes) also want Hallicrafters S or SX 16, 17, 11 and earlier "Super Skyriders," also Hammarlund Super Pro. I am a Collector not a trader. Pleased to correspond with you, who have similar interests. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (909) 797-1782

FOR SALE: Crystal set Gecophone #2 in excellent condition, have (2), will part with one. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

WANTED: Tapes of pop radio stations 77 WABC, WMCA, 1010 WINS, WKBW, CKLW, WIBG, WFIL. 50's, 60's, 70's. Also inexpensive radios. Send list. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE: Amplifiers: 1956 Stanco ulta linear with AJ-13 Heathkit tuner and Lafayette master audio control and all manuals – $300. Fisher 800-B multiplex – $125. Matched pair Bogens Model Mt-250. Matched pair Heathkit W-5M – $150. Dynaco St-70A with preamps and DSC-1 stereo control and manuals – $300. Dynaco ST-70 with Dynaco preamp and Dynaco FM-3 multiplex tuner – $300. We will trade for communication gear. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

FOR SALE: TV-7 tube tester – $90. 625 MHz frequency counter – $73. Heathkit: N.I.B. unassembled IG-102 RF gen. – $55; IM-58 harmonic distortion analyzer – $28; IT-3120 transistor tester – $30. Labvolt: AF/RF generator, sine/square 20Hz-200kHz, RF 200kHz-4.8MHz, solid-state, great for AM radio alignment – $32; power supply/Variac: 6.3VAC, 30 300VDC 100mA, .5-40VDC, 40 VAC, 0-140VAC – $32. Much more, list – SASE. E. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27569. (919) 936-3000, evenings

WANTED: I'm a transistor collector from Germany and seek early transistors (Regency TR-1/TR-4, etc.) in original shape. Will pay top dollars by U.S. cheque in advance. Have nice German transistors (1957-1963) for trade/sell. Please send fax. Rudolf Herzog, PO Box 140108, 30959 Hemmingen. Tel: (49) 5045-7464, fax: (49) 5101 5100

WANTED: Chassis for Philco 41-258 and Philco 40-140. Cabinet for Philco 37-602 and Philco 40-120. Also looking for IF transformer and antenna transformer from a Philco Model 80 Jr. Thanks. Joe Kelly, 537 Stafford Ave., Erie, PA 16508. (814) 459-3910

WANTED: Hallicrafters Sky Riders with entire front panel silver color; also S-30, S-33 S-35 pan adaptor, SX-112, HT-2, HT-3, HT-8, HT-12, HT-14, EP-132; wood console speakers R-8, R-12; parts, advertising & memorabilia. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Drive, Austin, Texas 78745

WANTED: AN/TRC-10 radios; AN/PRC-1; AN/PRC-5; M-209 Cipher machines; any radios beginning with letters "SS" (example "SSR-5"). Keith Melton, Box 5755, Bossier City, LA 71171. (318) 747-9616

SOLID STATE VIBRATORS for most automobile radios 1932-57. Exact duplicates of originals in metal cans. Synchronous, Non-sync, European. One-year guarantee. Dealer prices. Free catalog. Order toll free: 1-800-WE FIX AM. Visa, Mastercard. Antique Automobile Radio, Box 892, Crystal Beach, FL 34681. (813) 785-8733

BUYING: Serious collector will purchase antique radio collections, estates or even that one great piece you are looking to sell. Willing to travel. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249/fax (517) 349-4059

FOR SALE: J.D.'s Radiowear breadboard and cathedral greeting cards – $6.50/pkg. 12; radio collector caps – $7.50; cathedral mugs – $7.50; Deco, breadboard, and cathedral T-shirts – $13.95 and sweatshirts – $19.95 (add $1 XXL). All prices ppd. J. D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: Radiotron Designer's Handbook, 4th Edition only (the fat, red book). Will pay premium prices for copies in good condition. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

IF YOUR EXPIRATION DATE IS JULY OR BEFORE, RENEW TODAY! EARLY RENEWALS RECEIVE AN EXTRA ISSUE!

FOR SALE/TRADE: : DeForest wood tabletop, cabinet 6871B, chassis 7D613 Canadian unit built by Majestic for DeForest-Crosley (Toronto). Large (metal) rotary dial/station changer. Mid-late 30's? Philco Model 52 cathedral. Grunow 6G chassis. Elgin delivery. Zenith trades? Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

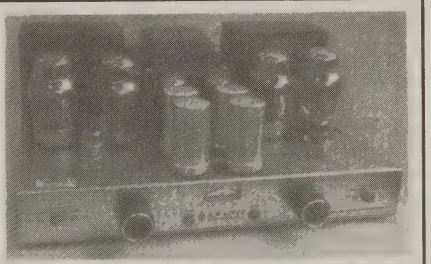
FOR SALE: Walton 7-tube shutter dial chassis with correst knobs, glass and escutcheon – $250. Zenith speaker – $50. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: RCA R-27 table radio, must be in working order with good cabinet. Lew Walters, 2640 Washington St., Allentown, PA 18104. (215) 820-5088

FOR SALE: Several hundred old QSL cards, from 1932 on, most with postage stamps. Send SASE with offer. James Fred, R 1, Cutler, IN 46920

FOR SALE: HiFi, radio, electronics books; audio power tubes. Lawrence Larsen, 308 Hamilton Ave., Silver Spring, MD 20901. (301) 587-8143

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 5th of the month.



WANTED: Early tube Hi-Fi components and studio equipment by Marantz, McIntosh, Tannoy, Acrosound, Brook, Brociner, Fairchild, Hadley and others. Also want Western Electric theater amplifiers, speakers, tubes, & microphones. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

WANTED: Old fountain pens by Parker, Sheaffer, Waterman, Mont Blanc, Conklin, etc. Will trade name-brand high quality radios for them or pay cash for the pens. Contact: Frank Weissman, 4 Shadbush Ln., Westport, CT 06880. (203) 454-1267, after 9 pm EST

FOR SALE: Sanyo portable AM/FM/stereo (Boombox) Mod M9902, excellent condition – $75 & shipping. Car radio stereo equalizer/amplifier Autophile Series 60 watt, brand new – $60 & shipping. Seeburg jukebox amplifier, solid-state stereo Model TSA 1 – $60. (2) Seeburg main drive motors – $40 each & shipping. Heathkit transistor tester Model IT 21 – $35 & shipping. A real antique circuit breaker, switchboard type by Roller Smith 1 amp, 110 volt – $35. Selling out my junk box, loads of stuff, stuff, stuff, all kinds of goodies, capacitors, resistors, transistors, heatsinks, hardware, wire and more – $25 for 20 pounds & shipping. Are you plagued by low voltage? I have (1) booster stepup transformer 105 to 115 volts, 12 amp with plugins and linecord 10 pounds – $35. Delta capacitative ignition system for older cars with breakerpoints, gives easier starting and better gas mileage, puts up to 45,000 volts on plugs, used on my 1973 Pontiac – $30. 1973 Pontiac shop manual – $15. 1974 Plymouth shop manual – $15. Power transformers and relays, all different voltages, used, out of pinball machines, Bodine gear motors, new, 185 rpm 1/40 HP, 115 volts – $35 & shipping. Welders leather apron, new, never used, and gloves – $25. Write for details: Jack Naimann, 365 Bronx River Rd., Yonkers, NY 10704. (914) 237-4650

FOR SALE: Many types of radio, TV, and industrial tubes. DH Distributors, PO Box 48623, Wichita, KS 67201. (316) 684-0050

WANTED: McIntosh MC60's with dead transformers and or chassis/parts. Have two good pairs transformers. Pair Jensen horn tweeters. Kevin Dooley, 4303 Diamond Head Rd., Business Education Division, Honolulu HI 96816. (808) 734-9313, msg.

FOR SALE: Books for sale: 1. Gernsback's Official Radio Service Manuals Vols. 1, 2, 3, 4, 5, 6, 7, (thru 1936) – $250. 2. Rider's Vols. 1 and 2, the pair – $95. 3. Rider's Vols. 4, 5, 7, 8, 9, 10, 11, 12 – $25 ea. 4. Motorola Service Notes (1 vol.) 1930-1942 – $35. 5. RCA Service Notes 1935 – $25. 6. NRI Service Manuals Vols. 1 & 2, the pair – $50. 7. Original Gernsback's Encyclopedia 1927 – $50. 8. Gernsback's Radio Servicemans Handbook 1931 – $40. Waves, 32 E. 13 St., New York, NY 10003. (212) 989-9284. Fax (201) 461-7121. Shop hrs.: 12-6 Tues.-Fri., 12-5 Sat.

FOR SALE: Tired of dial belts that slip? Try our Dial Belt Kit. You get 5 universal dial belts, super glue and instructions and guaranteed satisfaction, all for – $8.50 ppd. We sell owners manual reprints for over 250 radios, plus dial belt kits, reproduction knobs, parts, apparel, etc. Phenolic contact strips for your broken 1939 Zenith tone controls – $5 ea., $25/6, $2 shipping. Send for free catalog. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

FOR SALE: Clarion Radio neon backlit sign, beautiful – $650. Cunningham mechanical pencil – $45. Ampico Reproducing grand piano – $3,500 or trade for radios. Freed-Eisemann NR-9 – $60. Tourist 1925 portable – $75. Majestic Charlie McCarthy – $850. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

FOR TRADE: Regency TR-1 transistor available for any of the following transistor sets: Admiral solar-powered; Bulova 250; Firestone F-4D; Mitchell 1101, 1102, 1103; Sony TR-55 or TR-63. TR-1 color and/or condition depends on your offered unit. Thanks. Bill Burkett, PO Box 1204, Peoria, AZ 85380. (602) 878-7386, fax (602) 486-4484

WANTED: For my collection (any condition): RCA speakers/enclosures: MI-4400, Type 64A, MI4410, MI4411, LC1, LC1A/B/C or Jensen 15" or larger field coil speakers. Thanks. Nick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

FOR SALE: Problems we don't have original we look for only the finest. We do the leg work; you save the gas and the time. This month's list: Sparton blue glass 557, exc – $2,500. Sparton 7 sided blue glass with advertising stand – $2,500. Majestic Beetle plastic Model 511 with back & aqua louvers "rare" – $1,450. Black Colonial globe, exc – $1,100. Majestic chrome front "studio", exc – $600. Perfect small Addison, no Catalin, black & white marbled – $1,400. Emerson marble green Little Miracle, exc – $1,850. White Charlie McCarthy, exc – $1,300. Blue Emerson Patriot, small crack – $850. Perfect Gilfillan Peter Pan cathedral all labels small one, 1931 – $875. Now once again get out the Collins books. Coke Cooler, a perfect one – $800. (Collins I, p. 89), perfect Hopalong Cassidy, red, no repro or changed foil – $600. (Collins I, p. 91); (Collins I, p. 95) Majestic – $165. (Collins II, p. 97) white color radio – $185. (Collins I, p. 101) perfect speaker radio, green – $150. (Collins I, p. 75) Airline not a perfect dial – $95. (Collins I, p. 64) Fada bullet yellow – $700. (Collins I, p. 60) Sonora Catalin, crack – $600. (Collins I, p. 53) white Patriot – $1,200. (Collins I, p. 38) Zenith white – $275. (Collins II, p. 12) Kadette – $1,300. (Collins II, p. 27) Silvertone – $345. (Collins II, p. 62) same as Belmont – $195. White (Collins II, p. 63) Beetle plastic Silvertone missing smallest grille bar – $95. Also available same radio in white with pink knobs – $95. (Collins II, p. 68) Emerson marble green with gold veins & grille – $145. (Collins II, p. 69) Mother's Day radio in white – $125. (Collins II, p. 82) Philco trans., checker grille but beautful wooden version, white curved legs – $135. (Collins II, p. 83) Setchell-Carlson maroon body white grille – $165. (Collins II, p. 85), all three Motorolas available – $75. (Collins II, p. 93) Zenith white with gold grille – $200. Now other radios portables a perfect Zenith prewar Trans-Oceanic Bomber 7G005 – $375. You won't find a better one, a Nordemende Mambo S/W ? – $45. Zenith pocket radio, black, slight chips on lid, not too noticeable – $85. Red & black Motorola 5P32R – $40. Zenith wave mag. 6G801 – $50. Emerson 850 grey – $40. RCA 7-BX-71 – $10. Aqua GE P701 – $40. A perfect RCA BP10 American Airlines Flagship Fleet logo on chrome, best one you will ever see – $95. Several Zenith chairsides avail., Grundig green plastic S/W, 7 push buttons – $145. Philco Trans 52-542 – $50. Arvin metal 444, one brown, one white – $95. Lafayette 636, same as Belmont white, exc – $185. Perfect Motorola 6811 plastic suitcase style – $125. Philco Deco 37-602 (is in Bunis) – $90. OK. Remember we are legit. Phone fast to reserve any radio, they go quick. Every year less & less good stuff gets advertised. They are bought and stay in private collections. Stop by pick out a radio, call first. 28 miles west of George Wash. Bridge. Eric & Sirelle Fogel, 87 Sandra Dr., Parsippany, NJ 07054. (201) 316-8424, voice or fax

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FOR SALE: Emerson 334, wood – $40. Musicaire 5015, small ivory Bakelite – $35. Raytheon C-50B clock radio, Bakelite and copper-plated front. Transistors: Royal 50; National R-8, red; Startone clock radio, cute and small – $20 ea. All sets are nice, many more tube radios, write or call after 8 pm: Greg Carlson, 1075 Washington Ave. S, Bemidji, MN 56601. (218) 751-6479

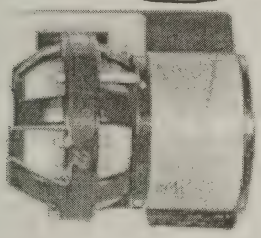
FOR SALE: New reprint, Tubes and Circuits by Wholesale Radio Laboratories, circa 1942-43 – $8 ppd. James Fred, R1, Box 41, Cutler, IN 46920

FOR SALE: Majestic Melody Cruiser – $390. Phillip Drexler, 1175 E. Ripley Ave., St. Paul, MN 55109. (612) 771-8630

WANTED: Manuals - Eico 147 (signal tracer), National NC-60, Harvey Wells R-9. Al Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

WANTED: Top dollar paid for old radio collections, estate settlements, or any radio signs or memorabilia. Sorry no tubes or books. Call or write: L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Radiola AR812 – $160. Readrite No. 210 tube tester, for 4-pin tubes – $40. **WANTED:** Antique lightbulbs with tips, open frame electric motors, early electrical literature, brass blade & cage fans, for cash or have radios to trade. Gene Baudouin, Rt. 1, Box 247, Hahnville, LA 70057



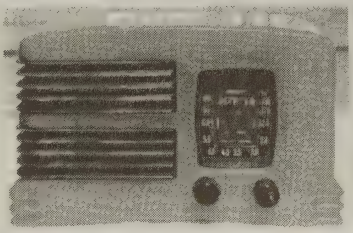
WANTED: Parts for a Grebe CR9, the above pictured Grebe variocoupler, (2) rheostat knobs, (1) tube collar, (2) audio transformers, open or not and a cabinet. I'll buy or swap for the above items or buy a junker with the variocoupler attached. Thanks. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456, or call collect (314) 735-2945

FOR SALE: General Television Model 591 (same as in the Sideli book, p. 101, only brown Bakelite with white trim) – $175. Arvin Model 451TL (Collins I, p. 94) – $60. Crosley Musical Chef, mint condition – $55. Coronado Model 43-8190 (Collins I, p. 77), has damage – $80. Truetone Beetle, plastic has heat cracks – $140. Remler Scottie Model 46, cracked – $150. Crosley Treasure Island book radio, it is a sub-mini/transistor set, Model JM-8WEA – $125. Sylvania transistor – $12. Big Bird transistor – $15. Snoopy transistor – $15. I will pay all shipping! Offers on all items will be considered. Bob Furtado, 23 Garden Rd., Alameda, CA 94501. (510) 521-3084

FOR TRADE: Philco 70, original finish, original knobs, replacement cloth - for top-end communications receiver like SP-600, Collins, HRO-60, 183D, in good original mechanical condition. **WANTED:** Old commercial tube-type amateur radio transmitters and WWII surplus equipment. Have several radios for trade (no Catalins) or will purchase. Please do not call after 9 pm Eastern - thanks! Tom Clinton, 3600 Ashley Estates, Marietta, GA 30067. (404) 955-1192

WANTED: Scott Allwave 15, prefer no cabinet. **FOR SALE/TRADE:** (2) RCA tombstone sets Models T10-1 and 6T. Century Model 5-47 cathedral. Jim Choroszy, 764 E. Imperial Dr., Hartland, WI 53029. (414) 367-8367

FOR SALE: Sams Photofact bound volumes #1-81, thru 4/66, excellent condition, asking – $2,000 plus shipping. 12" x 48" Zenith solid-state Chromocolor II lighted sign – $50. Triplett VTVM Model 850, less probe – $25, 6 availabe. Weston Model 904 AC amp meter .5 to 5.0 amps – $35. William Houston, 1400 N.E. 4th Ave., Ft. Lauderdale, FL 33304. (305) 763-1234

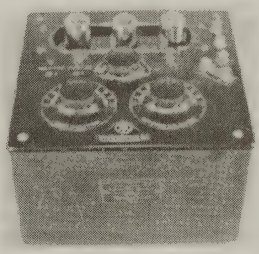


WANTED: Symphony and Detrola Catalin radios in all colors and conditions. Allow two days delivery of all laundered money. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Jackson Bell cathedral, 1929 Mod 60 – $250. Philco cathedral Mod 37-61 – $250. Crosley Model 10-138, red – $150. Zenith Mod H835 AM/FM – $60. Arvin Mod 32R43 AM/FM – $50. Zenith Mod K725, brown, crack, wkng – $35. RCA 8R75, scratches, working – $60. Firestone plastic gray/black twin speaker, plays, missing knobs – $20. Westinghouse Mod H905L5 – $10. Westinghouse Mod H334T70, crack, working – $20. GE Mod 236A – $35. All prices plus shipping. Luis Amory, 43 Monroe Pl., Bloomfield, NJ 07003. (201) 748-9373, after 5 pm

WANTED: Emerson Catalin radios in all models (except 520) and any condition. Immediate cash paid. Please write or call collect: Gaelle Reboul, 7010 S.W. 48 Ln., Miami, FL 33155. (305) 662-1986

WANTED: 6220A Silvertone table radio in restorable condition. Call or write: Sidney Oliphant, Rt. 1, Box 107, Colmesneil, TX 75938. Phone day (409) 384-9580; night (409) 283-3528



FOR SALE/TRADE: Rare Westinghouse 53 (Canadian Radiola IIIA) for top line transistors or cash. A. Nolf, VE3NLF, 539 Kastelic Pl., Burlinton, Ontario, Canada L7N 3S9. (416) 333-4557

FOR SALE: Emerson Model 106 oval-top wood table model – $85. Crosley 11-105U repainted orange – $110. Emerson 520 Catalin, brown-yellow swirl w/gold dial – $200. Zenith Royal 500 Deluxe ch. 8AT40Z2, maroon – $60. ARRL Handbooks, 5th Edition, 1946, 1963, 1967 – BO. OBO on all of the above, UPS extra. Karl Stegman, 4 Cresthaven Dr., Belleville, IL 62221. (618) 234-7992

FOR SALE: Delco 1950-1960 auto radio parts. (80) total N.I.B. coils, capacitors, conrtrols, etc. Sell as lot only. LSASE for list. Ray Schmidt, 607 1 Ave. SW, Austin, MN 55912. (507) 433-0069 or (507) 433-3250

WANTED: Regency TR-1, TR-1G, TR-4. Any color, any condition. Marty Bunis, RR 1, Box 36, Bradford, NH 03221. (603) 938-5051, before 8 pm EST

FOR SALE/TRADE: SAB Tronics Model 2010A digital multimeter, excellent – $25. Eico FM HFT90 tuner – $20. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

WANTED: Speaker and tuning meter for Radiola 64. Write or call: Jerry Gilchrist, 2145 Sugar Valley Rd., Ohatchee, AL 36271. (205) 892-0703

— WANTED —
PICTURES FOR PHOTO REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR ADDITIONAL INFORMATION

WANTED: Information on who painted oriental scenes on 1948 RCA 75X17 series radio cabinets. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

WANTED: Schematic, copy OK, Technics SH-3433 4 channel audio scope. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE: Tektronix 502A dual beam oscilloscope w/ probes & manual – $200. Jackson 103 tube tester – $35. Supreme 599A tube tester – $35. RCA WV-77E VTVM – $25. Heathkit IG-72 audio generator – $35. All Eico HFT-90 tuner – $35, HF-12 amp – $35, 944 yoke tester – $25, Eico Classic 2715 receiver – $65, Eico 324 signal generator – $75. Crosley 10-305 – $35. Stromberg-Carlson 130R 3 bands – $75. Stromberg-Carlson AU58B P.A. amp – $50. Bell 2122 mono hi-fi amp – $35. Reko-kut N34H turntable – $55. Garrard changer Type A-II – $55. Sony U-Matic 3/4-inch VP-5000, mint – $325. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

WANTED: Battery radio electric converter for radios using 1 1/2-volt A in an AB pack; or 1 1/2-volt A with 2 B batteries. Marv Leslein, 1948 Grace St., Dubuque, IA 52001. (319) 583-7777

WANTED: Bunis, 1st Edition. Piano radios (piano shaped). Snow White radio, multicolored. Mitchell brand appliances. Lee Mitchell, The Mitchell Collector, 875 N. Michigan, 3412, Chicago, IL 60611. (312) 266-7100, (312) 337-3123

WANTED: Good, plastic, case for Zenith, 4G903Y, flip up front, portable. Prefer no cracks. Thanks. James W. Oliver, Sr., 1509 Trigg Ln., #201, Wichita Falls, TX 76306. (817) 855-4130

WANTED: Beam-Echo Avantic DL-35, Gray AM-50, Fairchild 255, Heahtkit W-1, W-2, W-3 amplifiers. Michael D. Illfelder, 5726 S. Blackstone Ave., Apt. 3 East, Chicago, IL 60637-1845. (312) 955-1423

WANTED: Transistor radios and pocket crystal sets, working or not. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282

FOR SALE: Books: Fundamentals of Radio by Jordan; Servicing Superheterodynes by Rider; various children's fiction 1910-1925. **WANTED:** Breckenridge - Air Patrol; Chapman - To The Rescue; Rider Volume 23; copies of Television News Magazine; dial cord stringing guides. Call: John Kummer, WA2OJK, 23-35 Bell Blvd., Bayside, NY 11360. (718) 428-9070

FOR SALE: Streamlined Belmont cracked – $50 ppd. GE, Emerson, portables, take both – $20. Philco 50 – $90. Joe Nocera, 1222 Finch St., New Castle, PA 16101-4840. (412) 658-7805

WANTED: Parts, literature, history, and information for Roberts recorders. Mike Frazee, 625 Lincoln St., Lansing, MI 48910. (517) 323-0000, days; fax (517) 323-0219

FOR SALE: N.O.S. Channel Master Micrette 7 radio, Model 6448, in presentation case, paper – $225. S. T. Carter, II, W4NHC, PO Box 033177, Indialantic, FL 32903-0177. (407) 727-3015

WANTED: Antenna coil and dial for Philco 625. Dial is same as 610. Also dial pointer for Emerson AR-171. Harry Alenik, 14003 Judah Ave., Hawthorne, CA 90250

WANTED: RCA AVR-5A tombstone, AR-1496D battery set. Pre-1940 aircraft, airport radios. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

FOR SALE: Zenith Model 40A console radio in excellent/working condition. I can deliver to Lansing, Elgin, Rochester, or perhaps any combination of the above meets. Please write or call: Roger Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Fada Model 790, nice – $85. 1947 Mantola Model 7543, black w/white grille and handle – $55. 1941 Admiral Model 28-G5, swirl tan plastic, front door, handle – $50. 1939 Emerson Model DM331, wood Ingraham cabinet, SW/BC – $40. 1953 Crosley Model D-25WE, white w/working clock and radio – $95. 1948 Fada Model 795, brown Bakelite, FM tuner, nice – $40. Philco Model 60, cathedral, BC/SW – $115. Belmont Model 578, tombstone, round airplane dial, nice – $120. (10) #45 tubes, test good – $150. Plus UPS. George Jones, 1943 Palm Dr., Fernandina Bch., FL 32034. (904) 261-6533

WANTED: 201A duds for $1.50, to be transistorized and resold for $6.50. Jacob Anthes, Box 52 Lutz Rd., Glidden, WI 54527. (715) 264-5004

FOR SALE: LSASE for list of new/used receiving tubes; octal, loctal, miniature, some older. Sell or trade for old or unusual tubes or related material for my collection. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: First user friendly circuit on early BC-348's most comp. values on (2) 8 x 14 sheets – $2 + (2) 29¢ stamps. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049-5214

WANTED: Western Electric amps. Model 43, 46, 86, 91, 92, 124 and parts. WE555, 594, 597, TA4181. Jun Mizuno, 933 Portswood Cir., San Jose, CA 95120. (408) 268-4016

WANTED: Audio Research speaker, Model 2AX. Must be in excellent condition. Ray Moore, 12 Pavilion St., Rochester, NY 14620. (716) 461-3205

FOR SALE: Amplifiers, tubes, miscellaneous components. SASE for latest list. **WANTED:** Lafayette Explor-Air kit manual. Doug Weiss, 7305 Reynard Ln., Charlotte, NC 28215. (704) 531-7200, 7-9 pm EDT

FOR SALE: Brunswick 5KR, case only, original 1928 finish – $65 plus ship, or Elgin. Kenny Bundy, PO Box 3765, Carbondale, IL 62902. (618) 529-5667

WANTED: Restorable Zenith wood table radios, pre-1940, any condition, basket cases OK. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

FOR SALE: UHER 4400IC stereo, 4 track, 2 channel – $125. Call for details. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE: Metal plaque for Radiola 20, Victrola 7-3 – $5. RCA Service Data Redbooks 1933, 1935, 1940 – $40 each plus shipping. 1938-1942 Volume 2, 816 pages – $50. RCA Victor Replacement Parts 1928-1933, 120 pages – $30. Ned Connors, 29 Allen Ave., Barrington, RI 02806. (401) 246-0164

WANTED: I will pay dearly for the following items in excellent original condition! AK #12, Edison C-2 radio-phonograph, Gloritone Model 27, Abbottwares horse radio on wooden base, radio owl timer. Thanks. Keith Cenedella, PO Box 6763, Thousand Oaks, CA 91359. (805) 492-7111

FOR SALE: Maybe the last S-20R exc cond. – $100 + UPS. Also Hallicrafters S-95, S102, S40A. Also UHF-TV conv. H. N. Felder, 7517 Granada Dr., Bethesda, MD 20817

FOR SALE: Tube televisions: black & white – $10, color – $20. CRTs – $5. Pick up only. Jim Corliss, 2446 Vista Dr., Upland, CA 91786. (909) 985-9967

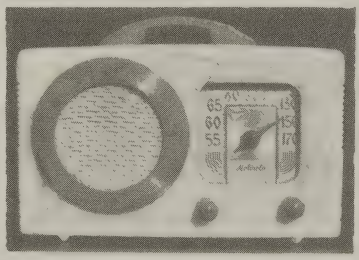
WANTED: National LF-10 low frequency preselector. All transistor with speaker. Allen Jochem, 2205 Broadway, Quincy, IL 62301. (217) 223-6751

FOR SALE: Capehart Panamuse console, Model 21M2FM – $125. Sealed N.O.S. tubes: 6J5 – $2, 35L6GT – $4/pair, 12BA6 – $6/3, 807 – $9/pair. Quantity available. **WANTED:** KWM-2A dial bezel. Lowell Thomas, AA6ZD, PO Box 15026, Fresno, CA 93702. (209) 227-1605

FOR SALE: Philco 91 – $275. Emerson ball & claw table radio – $250. **WANTED:** Nipper dog memorabilia. Rick Padron, 1005 E. Idlewild Ave., Tampa, FL 33604. (813) 238-8538

FOR SALE: Test equipment manuals for Eico, PACO, Precision, Triplett and Simpson, copies only. Write your needs. Include large two-stamp envelope for lists. **WANTED:** Case and speaker for Zenith 5-S-228 tombstone. Clayton Mundine, 6112 S. Flores St., San Antonio, TX 78214

FOR SALE: Simpson 260 – $35. Sams Photofact books for car radios and some for CB radios – $5 ea. Pocket transistor radios – Offer. **WANTED:** Manual for Navy scope Model TS-34A/AP. Metal escutcheon for Tom Thumb dial on Crosley Buddy Boy. Hickok tube tester Model 540. Old Supreme test equipment in wood cases. Manual for Hickok AC-47 tester. Richard Oglebay, 164 S. Tropical Trl., Merritt Island, FL 32952. (407) 454-3466



WANTED: Catalin radios by Motorola in all colors and states of repair. Go ahead, lie about your highest bid, I won't pick up on the ploy. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Following sets BC/SW: Truetone no # 3KN 4P/B 3 Bds – $40. Emer. M-R153 3KN-10 @8 – $35. W/house WR610 T/S 4KN @8. Crosley M-24A 3 Bds 4KN @9. GE M221 N/D 2KN @9 – $45. Silvertone M-1561 (J) 5 P/B 4KN @10 – $65. Farm sets: T/stone M1989 T/S tone A/O @8 – $50. Philco M-38 cath. @5 – $30. Airline M-62-377 3 gang tuner 5KN Teledial 7T large case – $65. Crosley M-579A 1.5v 5 P/B 2KN brn. Bake. @10 – $45. Olympia no #s 4KN A/O N/D med. size – $50. Metal case St/Warner M801 w/M-435 spkr @10+ – $150. Console: Crosley M124 A/O @9 – $120. Clock timer GE M8B50 T/S P/pull tabs @10 – $25. W/H H204A Deco @10 – $55. Bendix wd case M302 A/M @10 – $50. Radio case Liberty-sealed 5 blk/w/nut manu. by Liberty Transformer Co., Chicago – $50. Parts units - W/house M382T5 (2) – $15. N.O.S. Amsco detector for UV201A, C301A, 9 units for tape & reel recorders (coils), 19 tube test sockets, 10+ boxes radio bulbs (partial). Books: 5-Tom Swift (1 lot) - Stand By, 1930, McAlaster; Mickophone for David, 1942, Goodwin, (w/dust jackets). Catalogs: Sears Radio, 1923, 50 pp. clean w/diagrams – $50. Lafayette 1933, 136 pp. – $30. **MESSAGE:** Colorado man that goes to Greenfield Hosp., call me, have items. Bernard Samek, 53 Old Palmer Rd., Palmer, MA 01069. (413) 245-7174

WANTED: Knobs and top half of globe for Colonial New World radio. Conrad Gwaltney, Route 1, Box 55, Hiddenite, NC 28636. (704) 632-2921

WANTED: Philco 17B cathedral, Regency TR-6 transistor. Theodore P. Depto, 818 5th Ave., Patton, PA 16668. (814) 674-8834

FOR SALE: Assorted ribbon and other microphones. Floyd Cosmi, 7148 Woodridge Dr., Cincinnati, OH 45230. (513) 231-9020

FOR SALE: The Fisher Tube Amp Kit (previous ad was not clear). Contains "The Fisher" loctal and mini tubes, instruction manual and packets for all steps (1-20), i.e. complete kit in box Model KX-200 stereophonic Master Control amplifier, 40 watts per channel. Best offer over $200. Kevin Dooley, 4303 Diamond Head Rd., Business Education Division, Honolulu HI 96816. (808) 734-9313, msg.

FOR SALE: Garod Commander 6AU-1, yellow with red trim, chip on bottom rear – $575. National 7" TV, metal cabinet, no knobs – $75. Crosley white Bakelite with Lucite handle – $35. Pair of Zenith Royal 500's: (1) black with minor damage, (1) maroon, nice, with carry bag and earphone – $130/pr. Motorola X-25, rough chrome – $10. RCA bullet-shaped mike – $40. RCA Lavalier mike – $15. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

WANTED: HRO60 dial strips AA, AB, AC, AD. **FOR TRADE:** AB coil for AA. Dick Prester, 131 Ridge Rd., West Milford, NJ 07480. (201) 728-2454

FOR SALE: July & August special — discount wood knobs!!! As seen everywhere, these two styles are the only mass-produced real wood knobs with metal inserts and set screws. July & August only – $2.75 each or 10 for $24. SPK-903, walnut; SPK-971, walnut; SPK-972, same style, but mahogany. Send 2 stamps for our flyer. Antique Audio, 41560 Schoolcraft, Plymouth, MI 48170

WANTED: Emerson 636A, white case, gold grille (F.O.S., p. 83). Stanley Schreier, 350 Hendrickson Ave., Lynbrook, NY 11563. (516) 887-4966

FOR SALE: Many transistor radios including Zenith 3000-1, grey 888 Explorer, red 500 and many others. Call or send for a list. Thanks. Nick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

FOR SALE: Philco 70 cathedral – $285. Philco 20 cathedral – $185. Working, nice. Terry McGee, 101 Castle Dr., Madison, AL 35758. (205) 830-8040

FOR SALE: Radiola 3-3A-18, UZ1325, UZ1320, AK M horn speakers, Crosley 51-52, Supertrirdyn. **WANTED:** Glass dial & side speaker grille brown for Nordemende Tanhaüser U.S.A. Model T.N.R. E338, a glass dial for Telefunken Alegro, Nordemende Globe Travel Pro. Phillip S. Gilliana, 5733 Warren Ave., Morton Grove, IL 60053. (708) 965-7327

WANTED: I'll pay your reasonable asking price for these transistor radios (damaged radios accepted): Any Admiral or U.S. made Hoffman solar-powered unit; any Mantola, Mitchell, Regency, Sentinel, Sonora, or Sparton; any Raytheon (except 2500); any Sony marked "Toyko Tsushin Kogyo, Ltd."; any "lace grille" Toshiba; any Sylvania Thunderbird or Zenith Golden Triangle; and any tan or pink Zenith Royal 500. Bill Burkett, PO Box 1204, Peoria, AZ 85380. (602) 878-7386, fax (602) 486-4484

FOR SALE: Batteries for antique radios! Guaranteed good! Great capacity! Specials include: #6 dry cells – $10/6. 45v with binding posts – $10/4. Plus UPS. Many more available. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE: McMurdo Silver Masterpiece II & IV (neither w/cabinets) – Best Offer or interesting trades by August 15, '93. Ed Schneck, 1401 Ocean Ave., Brooklyn, NY 11230. (718) 377-7282, weekdays 2-6 pm

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FOR SALE: Toshiba 6TP-385A transistor, does not work – $12. Peter George, 20 Elkanah St., Chatham, MA 02632. (508) 945-5705

FOR SALE: Stewart-Warner Varsity 97-562, brown – $225. Philco 444 People's set Bakelite cathedral (as in A.R.C. March '93, p. 13) – $750. 1931 Bakelite Ekco M23 tombstone – $750. White Emerson 706 – $95. Zenith M403, (Redux, p. 98), coral, slight crack underneath – $70. Wurlitzer Lyric cathedral S63, original – $225. Crosley 148 mini-cathedral, slight cabinet damage – $110. GE H500 white and tan swirly Plaskon, perfect, cardboard back, (Redux, p. 47) – $365. Philco 89 cathedral, very good original – $145. Fada 260G white Plaskon with gold trim – $325. Stewart-Warner Air Pal, original white painted Bakelite, decals good, extra nice, not Quints – $210. Sparton table model with Bluebird chassis – $225. RCA 10T tombstone; 1946 Westinghouse miniature billboard, Jewel is pictured – $245. "Philco Balanced Unit Radio" glass sign, excellent – $325. American Bosch 680 13 tube dual chassis PP 6L6 console, very clean – $695. RCA 124 Art Deco tombstone, (Blast, p. 129), refinished; McMurdo Silver 15-17 in Oxford cabinet, chrome 80%; 15-17 with no cabinet, chrome 95% plus. We have approximately (8) EH Scott consoles for sale, no Philharmonics. Call for details. Zenith consoles: 15U270; 15U269; 15S372; 12S371; 12S370; 12U159; 12U158; 12A58; 12S265; 12S266; 12S267; 9S365; 9S262; 9S367; 8S154; 8S463; 7S366; 7S363; 75; and many others. Zenith chairsides: 12S245; 6S147; 9S344; 9S244; 9S242; 7S240; 7S343; 6S249; and many others. If you are looking for a set not listed, please call for more info. We can and do ship consoles anywhere and we do it right. Zenith table models: 807; 4B131; 5S126; 6D219; 5S119; 5S127; 5S228; 5J217; 6D311; 6S223; 6D117; 7S323; 6S27; 6V27; 6D413, crack; 6P428; 6D425; 7S432; 6S527; 6D525; 7S633; 7S634; and many others. To reference most Zenith radios, we offer a 60-page 11" x 17" Zenith Brochure Book depicting models from 1920 to 1946 – $28.95 ppd. Excellent American Zenith 7000 Trans-Oceanic with box with all original paperwork – $365. Zenith Trans-Oceanics: 8G005 – $175; 1000 – $175; 3000 – $175; 7000 – $295. We accept Visa and MasterCard. All radios unrestored electrically unless noted. Shipping extra unless noted. Satisfaction guaranteed, highest quality possible assured. We will deliver at no charge to the Michigan Extravaganza or Elgin radio meets. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm Central time, 7 days. Fax only!!!!: (612) 727-1908, 8 am to 8 pm, 7 days, answering machine after 4 rings

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FOR SALE: Collins 7 channel 1950's era broadcast audio console. Hallicrafters S76 receiver with R46 speaker. General Radio and TV radio, Model 47, early 40's. Original owner manual for RCA Model RE45. Realistic DX100 communications receiver. Early Tungsol replacement N.I.B. transistors, ET2, ET3, ET8. 40's radio network commercial countdown timer, by Standard Electric Time Co., Model 60/60, nice broadcast collectible. (100) early transistor radios, includes Royal 500 Zeniths – $1,000 for the lot, all nice - that's $10 per radio, collectors! RCA B411 tiny 50's portable. Silvertone 210 green marbleized tiny portable. '50's TV lamps, Swan and Bulldogs. Gonset 3-30 auto shortwave converter. Arvin 524A prewar metal set. Fada white 790 AM and FM, Deco. Majestic 5T10W white Deco Bakelite. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (502) 769-0404, Sun. thru Thurs., 7 pm 'til 11 pm

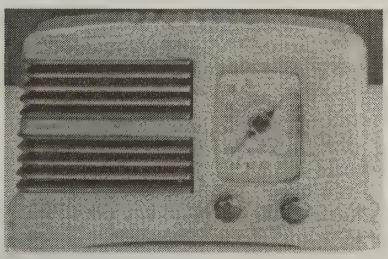
FOR SALE: Investment quality Catalins Motorola 51X16 black and red S grille in mint orig. cond. – $5,700. Also Emerson AU190 tombstone green excellent cond. with back – $2,900. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

MESSAGE: Notice: Traveling to New England this summer? We have a huge stock of used books, magazines and paper on radio, broadcasting, electricity, computers and related technology. Located in southwestern New Hampshire we are convenient to Boston and Route 91. Call or write for hours and directions. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Copy of original Motorola service manual for 7" Motorola TV Model VT71 chassis TS-4D (80 pages) plus schematics for (5) other chassis #'s – $15 plus $3 postage. Red Lion cabinet front Model E-30 (desk) w/Atwater Kent Model E speaker (Blast from the Past, p. 15) – $150 plus shipping. N.I.B. 10" GE 10VADP4 color picture tube – $125 plus shipping. Don Mier, 4009 N. Foxdale Ave., Covina, CA 91722. (818) 338-9225

MESSAGE: Colonel Jeff Bub again will be our auctioneer for the Extravaganza '93 auction. We already have consigned a number of great items, including: a Detrola Pee Wee in pistachio green/black; Zenith 7S260 console; Gridiron football tube-type novelty radio; RCA Regenoflex radio; RCA 2-sided authorized dealer sign; Scott 800B in Chippendale cabinet; and an RCA Radiotron doll in excellent condition, and much more. We have changed our auction format and will use the modified reserve system. For futher information, write: Extravaganza '93, P.O. Box 585, Okemos, MI 48805-0585

FOR SALE: Emerson Sunburst (similar to 707B Radio Redux, p. 90), excellent – $150. Portables: Firestone Air Chief S-7397-I – $65. Automatic Tom Thumb ATTP – $95. Motorola 53LC2 has subminiature tubes – $80. Sony TR-72 early wood transistor – $300. Zenith Royal 500D white with case, instructions, tiny chip – $65. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282



WANTED: Detrola or Symphony Catalin radios in any color combination and any condition. Price is no object, I will just pay it. Please contact: Michael Lawlor, PO Box 179, Santa Barbara, CA 93102. (805) 682-2336

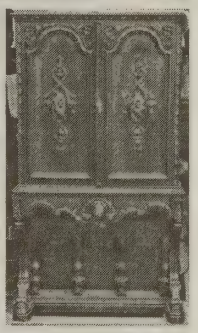
FOR SALE: Drake T-4X transmitter with WARC bands AM, CW, SSB 150 watts output, mint with PS & manual – $250 + shipping, (WARC only with rec). Drake R-4A receiver all amateur bands & WARC, mint with manual – $250 + shipping. Galaxy GT550 transceiver, with PS, speaker, manual, mint – $225. Packard Bell AM with 78 changer, Model 661 – $150. **WANTED:** Plans for Signal One CX7. Dan Rupe, 1302 S. Uplands, Camano, WA 98292. (206) 387-3558

FOR SALE: Vintage audio amps. RCA Model SA-352 – $100. Rauland Model 1932 – $50. Stromberg-Carlson Model 33 – $75. Stromberg-Carlson Model AU-58 – $75. General Radio unit amp 1206-B – $25. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

FOR SALE: New tubes 810, 8005, 211, 10, 5879, 7586, 293A, 417A, 7199, 6B4, EF80, 6DJ8, 215A, 6922, 843, 5609, 5W4, 5791A, 5663. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512. (609) 395-1116

WANTED: Westinghouse Little Jewel radios, Owl Japanese transistorized, and leather Zenith Trans-Oceanics radios. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

FOR SALE: Federal console radio named "The Milan," pictured in Radio Manufacturers of the 20's and Blast From the Past. This set is in excellent/working condition and includes the AC conversion as advertised. Can be delivered to Lansing, Elgin, Rochester, or my mother's house on "the Cape." Please write or call: Roger Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384



WANTED: Singer Spectrum Analyzer, Model MF5/VR4B manual. Photocopy OK. Theremin articles, info. Hal Layer, KK6HY, PO Box 27676, San Francisco, CA 94127

FOR SALE: Two Lloyds 12 Transistor Transceivers Model 8A22F – $45. (90) Popular Electronics – $85. New Astatic Model D-104 microphone – $80. All items postpaid. Raymond Larison, RR 1, Box 103, Orleans, NE, 68966. (308) 652-2771

FOR SALE: Sentinel Catalin, marbled red with yellow outline grille – $1,000. Fisher 50/A amplifier – $150. BC-348 WWII bomber radio – $100. Bob Wood, 3610 N. 12th Ave., Pensacola, FL 32503. (904) 432-3782

WANTED: AK 30 pulleys; AK 708 chassis, speaker, knobs. Call: John Kummer, WA2OJK, 23-35 Bell Blvd., Bayside, NY 11360. (718) 428-9070

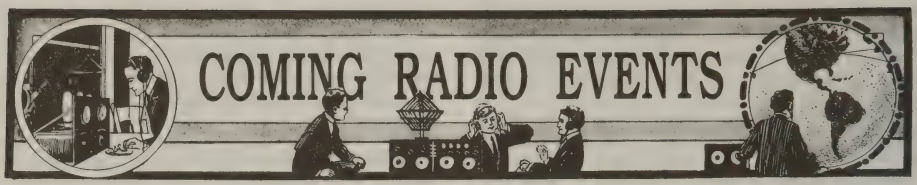
WANTED: Crosley 56FA, 56TC, Arvin 480TFM, no cracks please! Michael Lapuzza, 2015 E. Willow Creek Ter., Mustang, OK 73064. (405) 745-3394

FOR SALE: Have a lot of old LP's-78's records at $6 each plus postage. Could be taped on cassette. Send $2 SASE for list to: Harry J. Blair, 3401 S. Lituanica Ave., Chicago, IL 60608. (312) 247-7949

FOR SALE: Stromberg-Carlson SR406 radio-phono console, works good, cabinet clean – $40 P.U. Charles Randall, 8711 Greens Ln., Randallstown, MD 21133. (410) 922-1623

WANTED: Zeniths from consoles to transistors. Send description, price, or desired trade. Harvey Leners, 5426 So. 185, Omaha, NE 68135

FOR SALE: RCA 50th Anniversary Special AM transistor radio in box, Model RZG104Y, white – $25 plus shipping. Don Konecny, 7520 Applewood Ln., Sebastopol, CA 95472. (707) 829-0371



ARKANSAS – Jul. 1

ANTIQUE RADIO COLLECTORS CLUB OF FT. SMITH – CLUB MEETING

Ft. Smith, AR – St. Luke's Church, Waldron Rd., at Free Ferry

7:30 pm

Info: Illa Davenport – (501) 785-4929

TEXAS – Jul. 6

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX – Astrodome Marriott 2100 South Braeswood

7 pm

Info: Richard Collins, 8722 Reamer St. Houston, TX 77074 – (713) 778-0271

ARKANSAS – Jul. 8

ARKANSAS ANTIQUE RADIO CLUB MEETING

Little Rock, AR – The Auditorium S.W. Bell Bldg., 120 W. 8th Street

7 pm

Info: Tom Burgess – (501) 565-1750

NEW JERSEY – Jul. 9

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ – Grace Lutheran Church West Main St. & Park Ave. (old Rt. 33)

7:30-9:30 pm – Meeting & Swap

Info: Don Cruse – (908) 542-2848
Tony or Kathleen Flanagan – (908) 462-6638

TENNESSEE – Jul. 10

MUSIC CITY VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING

Nashville, TN – Kim Thompson Residence 903 Fatherland Street

7 pm

Informal swap after meeting

Info: Wade Jessen – (615) 871-6764
Directions – (615) 228-0372

OREGON – Jul. 10

NORTHWEST VINTAGE RADIO SOCIETY SWAP MEET

Salem, OR – 7455 O'Neil Road

8 am - 2 pm

Info: Speed Feldschau – (503) 390-3928

FLORIDA – Jul. 10

FLORIDA ANTIQUE WIRELESS GROUP MONTHLY TAILGATE MEET

Orlando, FL – Radio Relics, 321 Evans St.

8 am

Info: Paul Currie – (407) 365-9305, or FAWG – (407) 895-0146

CALIFORNIA – Jul. 10

CALIF. HISTORICAL RADIO SOCIETY SWAP MEET

San Francisco, CA – St. Anne of the Sunset Church, Funston at Irving St.

8 am – Setup

Info: John Wentzel – (415) 731-1920, or CHRS – (415) 978-9100, 24-hr. info

OKLAHOMA – Jul. 10

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Spencer's Barbeque NW 63rd and May Avenue

6 pm – Dinner

7 pm – Meeting: Emerson Night

Info SASE to: OKVRC, PO Box 72-1197 Oklahoma City, OK 73172-1197
Karen McCoy – (405) 722-0595, or
Jim Collings – (405) 755-4139, evenings

OHIO – Jul. 11

BUCKEYE ANTIQUE RADIO AND PHONOGRAPH CLUB PICNIC

Richfield, OH – Richfield Recreation Center Rt. 303, behind Town Hall and Fire Station Between Route 21 and Route 176

1-4:30 pm

Info: Gary Strelow – (216) 659-6505

COLORADO – Jul. 11

COLORADO RADIO COLLECTORS PICNIC

Denver, CO – Family Picnic & Swim Party

1 pm

Meeting – Swap Session
Raffle – Discussion of Annual Auction
Bring a dish and your family

Info: Rick Ammon – (303) 224-5446

NEW YORK – Jul. 11

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET

Lake Ronkonkoma, NY – 12 Garrity Ave.

9-12 am

Info: Steve Conklin – (516) 324-3012 or
Chris Bacon – (516) 981-6538

MISSISSIPPI – Jul. 11

MISSISSIPPI HISTORICAL RADIO AND BROADCASTING SOCIETY MEETING

Meridian, MS – 2412 C Street

2 pm

Info: Randy Guttery, 2412 C. St.
Meridian, MS 39301 – (601) 693-5958

ILLINOIS – Jul. 12

BELLEVILLE AREA ANTIQUE RADIO CLUB MEETING

Belleville, IL – Belleville Area College

7 pm – Topic: Ugly Radio

Info: Karl Stegman, 4 Cresthaven Dr.
Belleville, IL 62221 – (618) 234-7992

OHIO – Jul. 13

ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Kettering, OH – First Natl. Bank Basement
4100 Far Hills Avenue
SE corner of Far Hills Ave. and Stroop Rd.

7:30 pm – "Test Equipment"

Info: Stan Kleen, 200 Castle Drive
Dayton, OH 45429 – (513) 293-3194

Listings on these pages are free to antique radio clubs, as space permits. Please include date, time, where, directions, & information/contact person. Submission Deadline – 5th of month.

GEORGIA – Jul. 13

SOUTHEASTERN ANTIQUE RADIO SOCIETY MEETING

Chamblee, GA – Shoneys Restaurant
Peachtree Industrial, 1 mi. North of I-285

6:30 pm – Meeting: "Small Wooden Sets"

6 pm – Mini Meet before monthly meeting

Info: Charles Pierce – (404) 233-1340, or
David Martin – (404) 578-1270

PENNSYLVANIA – Jul. 13

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING – SWAP MEET – AUCTION

Souderton, PA – 117 Main St.
N. Penn Amusements Building

7:30 pm

Info: Radio Attic, PO Box 624
Lansdale, PA 19446 – (215) 368-2520

MISSOURI – Jul. 14

ANTIQUE RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

St. Louis, MO – Library at Lindbergh Blvd.
(Route 67) and Route 40

7 pm – Bring item for show & tell

Info: Charles Juedemann, 262 Churchill Ln.
Ballwin, MO 63011 – (314) 256-3727

NEW YORK – Jul. 15

HUDSON VALLEY ANTIQUE RADIO AND PHONOGRAPH SOCIETY/ARCA MEETING

Goshen, NY – Cataract Firehouse, Main St.

7-9 pm

Info: John & Linda Gramm, Box 1, Campbell
Hall, NY 10916 – (914) 427-2602, 6-9 pm

RHODE ISLAND

NEW CLUB FORMING
RHODE ISLAND ANTIQUE RADIO ENTHUSIASTS

New club – RARE – for trading antique radio *information* rather than hardware. Informal monthly meetings.

Info: Len Arzoomanian – (401) 232-0869

IOWA

NEW CLUB FORMING

Info: Dennis Hilberg, 804 Ravine St.
Decorah, IA 52101

MICHIGAN – Jul. 16-18

MICHIGAN ANTIQUE RADIO CLUB ANTIQUE WIRELESS ASSOCIATION EXTRAVAGANZA '93

Lansing, MI – Holiday Inn South Convention Center – (517) 694-8123

July 16-18: All Day – Open Air Flea Market

July 16

9-12 am – Equipment Contest Check-in
12 am - 2 pm – Contest Judging
2-5 pm – Contest Viewing
3-4:30 pm – John Reinicke "More On Alignment"
5 pm – 50/50 Raffle Drawing
7 pm – Informal Social Hour
Speaker Dick Estell on "Post-WWII Development in Radio Technology and Radio Programming"

Contest Categories:

Crystal Receivers, Battery Receivers (pre-1930), Novelty Tube Radios, Novelty Transistor Radios, Transistor Radios, Catalin Radios, Plastic/Bakelite Radios, Speakers, Wooden Table Radios, Cathedral Radios, International Broadcast Receivers, & Vintage High Fidelity Equipment

Contest Awards:

Everitt "Abe" Lincoln Best-Of-Show Trophy, Antique Electronic Supply People's Choice Trophy, Best Restoration Trophy, and General Awards

July 17

10-11:30 am – Mark Oppat "Hints & Kinks"
12 am-1 pm – Women's Luncheon, hosted by Nancy Colbert
1-4 pm – Auction Check-in & Preview
5-9 pm – Auction w/Colonel Jeff Bub
5 pm – 50/50 Raffle Drawing
7 pm – AK 447 Raffle Drawing

July 18

9-10 am – J. Reinicke "To Be Announced"
10 am – Donation Auction
11:30 am – 50/50 Raffle Drawing
12 noon – $50 Seller's Drawing

Info: Extravaganza '93, PO Box 585 Okemos, MI 48864

TEXAS – Jul. 17

VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING

Irving, TX – 906 Senter St.

4 pm – Swap

5:30 pm – Meet

Info: George Potter – (214) 325-2553

Enclose a SASE when requesting info.

MARK YOUR CALENDAR

Jul. 1 – AR, Ft. Smith – ARCCFS Meeting §*
Jul. 6 – TX, Houston – HVRA Meeting §*
Jul. 8 – AR, Little Rock – AARC §*
Jul. 9 – NJ, Freehold – NJARC Meeting §*
Jul. 10 – CA, San Francisco – CHRS Swap Meet*
Jul. 10 – FL, Orlando – FAWG Tailgate Meet §*
Jul. 10 – OK, Oklahoma City – OKVRC Meeting §*
Jul. 10 – OR, Salem – NWVRS Swap Meet §*
Jul. 10 – TN, Nashville – MCVR&P Meeting*
Jul. 11 – CO, Denver – CRC Picnic*
Jul. 11 – MS, Meridian – MHR&BS Meeting §*
Jul. 11 – NY, Lake Ronkonkoma – GNYVWA §*
Jul. 11 – OH, Richfield – BARPC Picnic*
Jul. 12 – IL, Belleville – BAARC Meeting §*
Jul. 13 – GA, Chamblee – SARS Meeting §*
Jul. 13 – OH, Kettering – ARCO Meeting §*
Jul. 13 – PA, Souderton – DVHRC Swap Meet §*
Jul. 14 – MO, St. Louis – ARCH Meeting §*
Jul. 15 – NY, Goshen – HARPS Meeting §*
Jul. 16-18 – MI, Lansing – MARC Extravaganza '93*
Jul. 17 – NH, Nashua – NEARC Meet*
Jul. 17 – TX, Irving – VRPS Meeting §*
Jul. 18 – MD, Burtonsville – MAARC Meeting §*
Jul. 18 – WA, Seattle – PSARA Meeting §*
Jul. 21 – CA, N. Highlands – SHRS Meeting §*
Jul. 24 – NJ, Hightstown – NJARC Flea Market*
Jul. 25 – KS, Kansas City – MAARC Swap Meet*
Jul. 26 – AL, Birmingham – ALHRS Meeting §*
Jul. 27 – OH, Dayton – SPARKS Meeting §*
Jul. 31 – RI, E. Greenwich – Yankee Tune-Up*
Aug. 4-7 – IL, Elgin – ARCI Radiofest 1993*
Aug. 7 – CA, Redwood City – CHRS Meet*
Aug. 10 – CA, Redding – CHRS-NVC Meeting*
Aug. 14 – FL, Orlando – FAWG Meet*
Aug. 14 – NY, Amherst – NFWA/AWA Meet*
Aug. 15 – Alberta, Edmonton – AVRS Meeting*
Aug. 15 – WA, Seattle – PSARA Swap Meet §
Aug. 21 – OH, Dayton – ARCO Swap Meet
Aug. 21 – TX, Irving – VRPS Swap Meet
Aug. 28 – IN, Elkhart – IHRS Swap Meet
Aug. 28 – WI, Onalaska – WWARCC Swap Meet
Sep. 11 – OR, Portland – NWVRS Show & Sale
Sep. 18 – CA, Fairfield – CHRS Swap Meet
Sep. 18 – FL, Orlando – FAWG Quarterly Meet
Sep. 18 – RI, E. Greenwich – Yankee Steamup
Sep. 18 – TX, Irving – VRPS Meeting §
Sep. 22-25 – NY, Rochester – AWA Conference*
Sep. 25 – NE, Kearney – NARCC Auction
Oct. 2-3 – NE, Nebraska City – Old Time Radio Days
Oct. 9 – KY, Lexington – MSARC Swap Meet
Oct. 15-17 – TX, Irving – VRPS/AWA '93
Oct. 17 – Alberta, Edmonton – AVRS Meeting
Oct. 23 – NY, Middletown – HARPS Show
Oct. 30 – NH, Nashua – NEARC Meet
Oct. 30-31 – OH, Akron – BARPC Mall Show
Nov. 6 – CA, Redwood City – CHRS Meet
Nov. 6 – NY, Rochester – AWA Meeting
Nov. 13 – FL, Orlando – FAWG Auction
Dec. 4 – TX, Irving – VRPS Christmas Cheer
Dec. 12 – Alberta, Edmonton – AVRS Meeting

* See expanded listing this month. § Monthly Meeting

NEW HAMPSHIRE – Jul. 17

NEW ENGLAND ANTIQUE RADIO CLUB MEET

Nashua, NH – Resurrection Center
Rt. 3 (Everett Turnpike), Exit 6
1 1/2 miles West on Rt. 130

8 am-1 pm

Info: Ray Lumb – (508) 865-1290

Mention A.R.C. when contacting clubs!

WASHINGTON – Jul. 18

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA – Shoreline Museum
749 North 175th St., 1 mile W. of I-5, Exit 176

12 noon – Meeting

Info: Al Atworth, PO Box 125
Snohomish, WA 98291-0125 – (206) 568-2698

MARYLAND – Jul. 18

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Burtonsville, MD – New Hope Seventh Day Adventist Church

2 pm

Info: Lloyd Kendall, 1312 Deep Run Ln.
Reston, VA 22090 – (703) 471-6143

CALIFORNIA – Jul. 21

SACRAMENTO HISTORICAL RADIO SOCIETY MEETING

N. Highland, CA – SMUD Foothill Service Center, Room D, 5026 Don Julio

7-9 pm

Info: Secretary SHRS, PO Box 162612
Sacramento, CA 95816

NEW JERSEY – Jul. 24

NEW JERSEY ANTIQUE RADIO CLUB FLEA MARKET

Hightstown, NJ – Hightstown Country Club Ballroom Grounds – outside
NJ Turnpike Exit 8, East on Route 3 for 200 yeards, on the left

8 am - 1 pm

Info: Tony Flanagan – (908) 462-6638

KANSAS – Jul. 25

MID-AMERICA ANTIQUE RADIO CLUB SWAP MEET

Kansas City, KS – Best Western Village Hall
501 Southwest Blvd., 1 block South of Interstate 35 and 7th St. Trafficway exit ramp

9 am

Antique Radio-Related Contest

Info: MAARC, c/o Stephen Phipps
10201 West 52nd Ter., Merriam, KS 66203
(913) 362-4427

**MENTION A.R.C.
WHEN CONTACTING CLUBS!**

ALABAMA – Jul. 26

AL. HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Homewood Public Library
1721 Oxmoor Road

7 pm

Info: ALHRS, 4721 Overwood Circle
Birmingham, AL 35222 – (205) 595-2856

OHIO – Jul. 27

SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING

Dayton, OH – ITT Technical Institute
3325 Stop Eight Road

7:30 pm

Info: Harold Parshall – (513) 298-4044, days
Jim Di Ruzza – (513) 233-5004, evenings

RHODE ISLAND – Jul. 31

N.E. MUSEUM OF WIRELESS & STEAM YANKEE TUNE-UP

East Greenwich, RI – 697 Tillinghast Rd.

Radio Historians, Hams, Collectors and Swappers Invited

Info: Bob Merriam – (401) 884-1710

ILLINOIS – Aug. 4-7

ANTIQUE RADIO CLUB OF ILLINOIS RADIOFEST 1993

Elgin, IL – Holiday Inn Holidome and Convention Center, 345 River Road
Rt. 31 and I-90 – (708) 695-5000

Aug. 4-6:

All Day – Open-Air Swap Meet
(no setup before Wed. am)

Aug. 5

9:30 am – Motorola Museum Tours begin
1 pm – Main Auction check-in begins
1:30 pm – Presentation
5 pm – Main Auction

Aug. 6

8:30 am – Contest check-in
9:30 am – Muchow Museum Tours begin
1:30 pm – Presentation
5:30 pm – Happy Hour
6:30 pm – Banquet and Entertainment
Speaker: John R. Ghrist – The Beginnings of Radio Broadcasting in Northern Illinois

Aug. 7

10:30 am – Big Donation Auction

Info: Jeff Aulik, 1708 Parkview Ave.
Rockford, IL 61107 – (815) 399-1902, evenings or weekends

CALIFORNIA – Aug. 7

CALIF. HISTORICAL RADIO SOCIETY MEET

Redwood City, CA – Ampex Corp., Bay Rd. 3 Blocks South of Woodside Road

8 am

Info: CHRS, PO Box 31659, San Francisco, CA 94131 – (415) 978-9100, 24-hr. info

CALIFORNIA – Aug. 10

CALIF. HISTORICAL RADIO SOCIETY NORTH VALLEY CHAPTER MEETING

Redding, CA – 7 pm

Info: Norm Braithwaite – (916) 246-4209

NEW YORK – Aug. 14

NIAGARA FRONTIER WIRELESS ASSN. ANTIQUE WIRELESS ASSOCIATION NFWA/AWA JOINT RADIO MEET

Amherst, NY – Amherst Museum
From Exit 49 of NY Thruway, take Rt. 78 North 9 miles, go West on Tonawanda Creek Rd., & proceed West 2 miles to New Rd.

8:30 am - 3 pm

Flea Market – Program on Early Radio
Tailgate Auction – Donation Auction
Federal Museum Exhibit of early and rare Federal radio products

Contest: Any Radio Speaker, Radio with separate matching Amp, Any AC Tube Radio, & Any Novelty Radio - tube or xstr.

Info: Larry Babcock, NFWA, 8095 Centre Ln., E. Amherst, NY 14051 (716) 741-3082

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FLORIDA – Aug. 14

FLORIDA ANTIQUE WIRELESS GROUP QUARTERLY MEET

Orlando, FL – VFW Hall, 4444 Edgewater Dr.

8 am - 2 pm

Air Conditioned – Refreshments

Info: Paul Currie – (407) 365-9305
FAWG – (407) 895-0146

ALBERTA – Aug. 15

ALBERTA VINTAGE RADIO SOCIETY NEW CLUB FORMING MEETING

Edmonton, Alberta – 12845 102 Avenue
Alberta Provincial Archives Lecture Room

2-4 pm

Info: Nap Pepin – (403) 424-2214
AVRS, PO Box 43012 Metropolitan Pl. P.O. Edmonton, Alberta, Canada T5J 4M8

NEW YORK – Sep. 22-25

ANTIQUE WIRELESS ASSOCIATION 32rd HISTORICAL RADIO CONFERENCE

Rochester, NY – Thruway Marriott Hotel (716) 359-1800

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Three-acre Flea Market – Two Dinners
AWA Museum Open – Three-day Book Fair
Sightseeing Excursion – Ladies' Program

Old Equipment Contest/Exhibit: Westinghouse Theme

Programs: Atlantic Cable, News for SWLs, DXing with the Westinghouse RC, Books & Magazines with John Terrey, Radio Collectors' Slide Show, Frank Conrad Biography, "On the Air" Film on KDKA, Charles Herrold/Radio SJN Story, Key & Telegraph – Amateur Radio
Pre-1910 Equipment
Early History of Collins Radio

Info: AWA, Box E, Breesport, NY 14816

[If you can go to only one meet, make it to this one. Editor]

FOREIGN CLUB LISTINGS

CLUBS: Send antique radio club and meet information to A.R.C. for ***free*** *listing here, as space permits. Sorry, we don't have room for hamfests.* ***Always send a SASE when writing to clubs!***

(Dues, when listed are for overseas membership. A.R.C. would like to hear about other foreign antique radio clubs.)

Australia: Historical Radio Society of Australia (HRSA). Rex Wales, PO Box 283, Mt. Waverley, Victoria 3149, Australia. Pub: *HRSA Newsletter*, quarterly. Dues: $15.00. Monthly meetings.

Australia: North East Vintage Radio Club. Monthly meetings at Wangaratta T.A.F.E. electronic unit. Info: Noel Meagher, 62 3149; Ian Milne, 62 5153; Rodney Champness, 62 1454 (all Benalla numbers).

Canada, Alberta: Alberta Vintage Radio Society (AVRS). AVRS, PO Box 43012 Metropolitan Pl. P.O., Edmonton, Alberta, Canada

T5J 4M8. Nap Pepin, #508 8820 Jasper Ave., Edmonton, Alberta, Canada T5H 4E9. Pub: *Radio Waves*, bi-monthly. Dues: $17.00 U.S. ($21.00 Canadian). Bi-monthly meetings.

Canada, Ontario: London Vintage Radio Club (LVRC). Dave Noon, 19 Honeysuckle Cr., London, Ontario, Canada N5Y 4P3. Pub: *LVRC Newsletter.* Dues: $15.00 Canadian. Six meetings yearly.

England: British Vintage Wireless Society (BVWS). Gerald Weils, Vintage Wireless Museum, 23, Rosendale Rd., West Dulwich, London, SE21 8DS, England. Pub: *Vintage Wireless*, monthly. Dues: £20. Meetings and swap meets.

France: Club Histoire et Collection Radio (CHCR). Secrétariat CHCR, Les Coccinelles, pav 43, 57500 St. Avold, France. Annual May event in Riquewihr.

France: French Antique Radio Association (Association des Amis du Musée de l'Electro-Acoustique). M. Kopito, Eric Trésorier A.E.A., 135, av. du Président Wilson, 93100 Montreuil, France. Pub: *Journal Officiel de L'Association.* Dues: 250 F.

Germany: German Society of Wireless History. Prof. Otto Künzel, Belm Tannenhof 55, 7900 Ulm 10, West Germany. Pub: *Funkgeschichte*, bimonthly. Dues: DM 50 + DM 6 first registration.

Holland: N.V.H.R. Hed. Ver. voor Hist. Radio, Paulus Pofferstr. 19, 6814 K.T. Arnhem, Holland

Ireland: Irish Vintage Radio & Sound Society. Vincent Farrell, 39A Lower Drumcondra Rd., Dublin 9, Ireland. Quarterly newsletter. Dues: $16.00. Winter meetings weekly, summer meetings monthly.

Israel: Antique Radio and Broadcasting Museum. Museum forming in Tel-Aviv. Bruno Pinto, 24 Remez St., #7, Tel-Aviv, Israel 62192

Italy: Associazione Italiana Radio d'Epoca (AIRE). Fausto Casi, President. Via di Pellicceria, 23-52100 Arezzo, Italy. Pub: *Bollettino-Notiziario*, bi-monthly. Dues: 50 Lire (±$45).

Japan: Antique Wireless Club (AWC). Noriyoshi Tezuka, JA1NTF, Secretary AWC, 1-10-7-807 Higashigotanda, Shinagawaku, Tokyo 141, Japan. Monthly meetings and newsletter.

New Zealand: New Zealand Vintage Radio Society (NZVRS). David Millett, Secretary, 41A Eversleigh St., Takapuna, Auckland 9, New Zealand. Quarterly bulletin.

Norway: Norsk Radiohistorisk Forening (NRHF). PO Box 465 Sentrum, N-0105 Oslo 1, Norway. Bi-monthly journal. Dues: $22.00. Regular Tues. open house at Soria Moria, Oslo. Antique net on ham radio.

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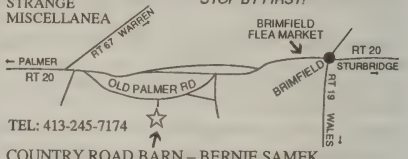

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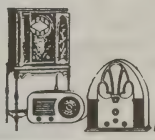

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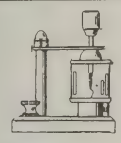

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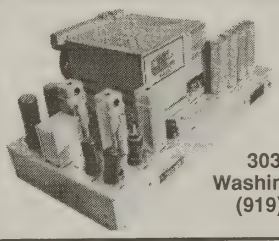

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9:30 am	Motorola Museum Tours Begin
1:00 pm	Main Auction Check-in Begins
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6:30 pm	Banquet and Entertainment

Speaker: John R. Ghrist – The Beginnings of Radio Broadcasting in Northern Illinois

Saturday — August 7: Open-Air Flea Market Until Noon

10:30 am Big Donation Auction

Contest Categories

1. Radio Built From Kits
2. Crystal Sets
3. Pre-WWII Battery
4. Art Deco
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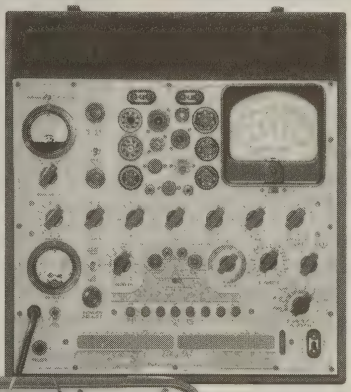

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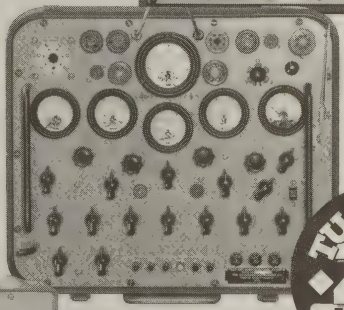

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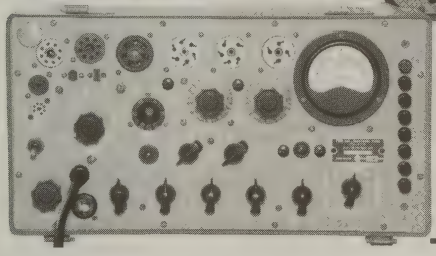

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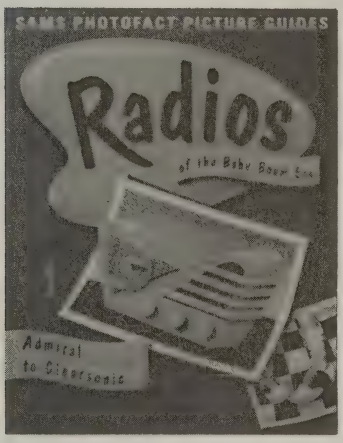

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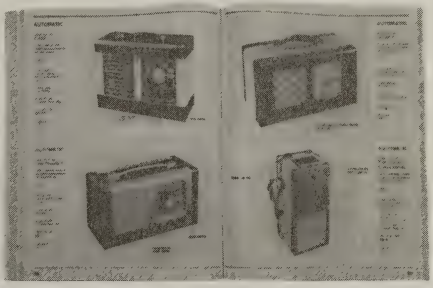

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☞ **Vintage Radio,** McMahon. *The classic photo reference guide for collectors of radios prior to 1930. Crystal sets, battery sets, tubes, horns, parts, etc. Over 1000 pictures, 263 pgs.* $11.95

The Weekend Refinisher, Johnson. *A complete guide to stains and finshes and tips for setting up your own workshop. A handy furniture "first aid" kit for quick repairs.Illustrated.* 296 pgs. .....**NEW $10.00**

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Zenith Radio Corporation (reprint). *The instructions for installation and operation for Models 39-39A Models 392-392A, and Electric Zenith Receivers. 3 schematics, 3 photos, 7 1/2" by 5", 16 pgs.* $4.50

U.S. Orders - Enclose $2.50 per order for packing & book-rate shipping if total order is under $35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents please add 5% sales tax. Money back return policy. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).

Send Order To: A.R.C., P.O. Box 2, Carlisle, MA 01741
or Call: (508) 371-0512 Fax: (508) 371-7129

(Jun-93)

BUYING: TRANSISTOR & DECO RADIOS
VINTAGE TELEVISIONS
BUY • SELL • RENT • REPAIR • PARTS

HARRY POSTER

DAYS:(201)794-9606
FAX:(201)794-9553
24 HRS:(201)410-7525

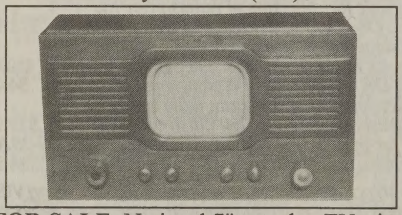
P.O. Box 1883 • South Hackensack, NJ • 07606

(201)410-7525 Call 24 hours / 7 days a week. It records date and time-just leave a detailed message. **IF** we can use your item, or **IF** we have an item for you-**we will call back!**

FOR SALE: NOVELTY Transistor radios:

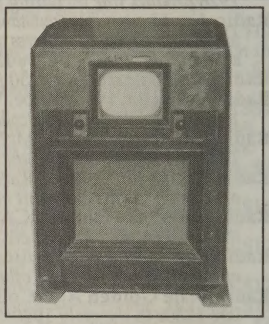
Popeye head-no pipe/no batt cover	$50
Pinnochio head-no battery cover	$50
Donald Duck head, scarce	$60
Smurf Head	$30
Pac-man yellow head	$30
Owl, large bird w/jewel eyes	$50
Spiderman head, full bust type	$45
Lemon, tune-a-lemon, new boxed	$35
Cup and saucer, new boxed	$35
Melody Microphone, new boxed	$35
Camus Grand VSOP, new boxed	$35
Stone (!) radio, new boxed	$35
Snoopy, whole dog in black&white	$30
Money Talks, talking dollar bill	$35
Marboro pack in box (radio scratched)	$45
Miracle Whip, small (5" tall)	$45
Little Sprout, new boxed	$75
Kodak Supralite battery, new	$35
Pepsi, tall modern-type dispenser	$45
Gol-phone (golf club) w/instructions	$65

Please call Harry Poster at (201)794-9606.

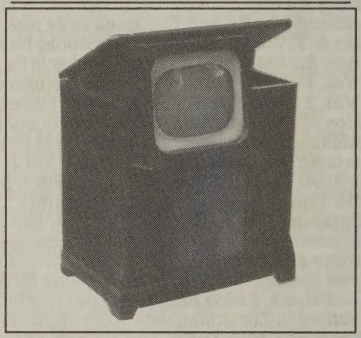


FOR SALE: National 7" wooden TV, nice original condition with a bit of veneer damage near the back edges. As found $255 plus shipping. Harry Poster: (201)410-7525.

FOR SALE:



RCA 630-TCS one of their rarest post-war TV's. The finish on this console has some wear, but the set is complete with tambour doors, original chassis and CRT, etc. I've heard of these sets selling for lots more than this. Don't miss a bargain at only $775 (delivery to Elgin/Rochester possible). Harry Poster, Box 1883, So Hack, NJ 07606. Call days: (201)794-9606.



FOR SALE: Emerson 608 "POP-UP". Closed it looks like a mahogany cabinet, but the top lifts, and then the picture tube pulls out and pops-up! A very unusual and impressive set to add to a TV collection. $200 + shipping (Elgin/Rochester delivery possible). Call: Harry Poster, 24 Hours (201)410-7525.

WANTED: We buy for cash or TV's... "3D" stereo photo items. **Stereoscopic** items include: View Master Reels (non-cartoon), VM cameras and acc's.; Tru-Vue rolls; Stereo Realist/Stereo Kodak/Stereo Revere/Stereo Wollensak cameras, viewers and acessories (these have two lenses and take two pictures at the same time). Anything "3D" from 1930 to 1980 wanted-**FAX your list today to:** Harry Poster at (201)794-9553 (FAX line).

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 17¢ each. See details below. Classified ads must be received (not just postmarked!) by **Noon Eastern Time** on the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

Please write legibly and use both capital and small letters. Do not use dashes between words. Some numbers and letters can look alike, for example 1, I and l (the number one, the capital i and the small L.) Write the following characters clearly (especially in model numbers): 1, I and l; 0, O , o, Q and D; r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which looks similar to a common word or manufacturer, note it so that we do not "correct" it. Editor's comments are in [brackets].

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisified, and to comply with a buyer refund request on unaltered returned items.

Publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Publisher is not responsible for errors due to illegibly written ads or for any other reason. Since club activities receive free advertising on the *Coming Radio Events* page, the free 20 words may not be used for club activity ads. See inside front cover for additional information.

CLASSIFIED AD DETAILS

Deadline: NOON ET– 10th of the month!

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. Wanted and For Sale ads are mixed together to encourage the reading of all ads, including the Wanted ads. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:
- First 20 words: **FREE***
- 17¢ per word for extra words over 20 **plus**
- 10¢ per word for a shaded ad (count all words including free words).
- * Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:
- 33¢ per word **plus**
- 10¢ per word for shaded ad.

Please do not forget to send in the extra 17¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Minimum run is 3 months, prepaid. Discount: 5% for 6 months; 10% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:
- 28¢ per word for all words,* none free, **plus**
- 10¢ per word for each bold word **plus**
- 10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):
- 38¢ per word for all words* **plus**
- 10¢ per word for each all-caps word.

Non-Subscribers:
- Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

$10.00 per month for each photo or drawing (If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

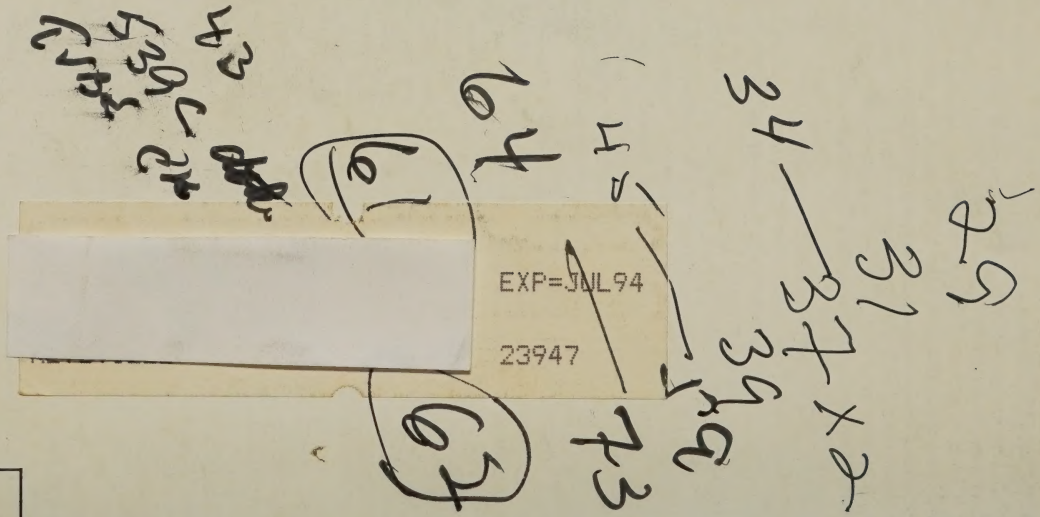
The **standard headings**: WANTED, FOR SALE, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word each. Hyphenated words count as two words.

ANTIQUE RADIO CLASSIFIED

SECOND CLASS

A.R.C., P.O. Box 2, CARLISLE, MA 01741

RETURN POSTAGE GUARANTEED



CLASSIFIED AD DEADLINE JULY 10th Noon Eastern Time